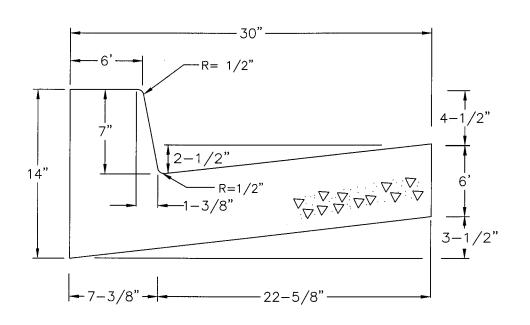
TABLE OF CONTENTS

STANDARD DRAWINGS

Roadway Detail Drawings (Series 100)	Drawing Number
Standard Curb & Gutter Detail	100
Modified Curb & Gutter (RU-30)	
Driveway Curb (Type HB30-7) Details	
Driveway Apron Details	
Standard Sidewalk Details	
Handicap Ramp Details	
Standard Concrete Joint Details.	
10' Trail Section	
Standard Road Cross-sections	
Roadway Details	
Standard 6' Cross Gutter	151
Driveway Access Details Without Curbing	
Driveway Access Without Curbing (50' & 60' Right of Way)	
Class I Standard Monument Details	
Class II Monument	
Trench Backfill and Repair Detail	
Manholes & Valve Boxes Concrete Collar	
Concrete Water Valve Collar	
Concrete Manhole Collar	
Concrete Irrigation Valve Collar	
Drainage & Sewer Detail Drawings (Series 200)	
Standard Catch Basin Box & Frame	200
Standard Catch Basin Grate (Bicycle Safe)	
39" Solid Lid Details	
Sidewalk Drainage Structure (Page 1)	204A
Sidewalk Drainage Structure (Page 2)	204B
Curb Inlet Double Catch Basin Box (Page 1)	205A
Curb Inlet Double Catch Basin Frame (Page 2)	205B
Curb Inlet Single Catch Basin Box (Page 1)	206A
Curb Inlet Single Catch Basin Frame (Page 2)	206B
Temporary On-site Drainage Retention Berm for Unimproved Lots	207
Standard Manhole Details	220
Junction & Drop Manhole Details	
Manhole Frame & Cover Details	
Manhole Step Details	
Sewer Cleanout Cover Details	224

Typical Residential Sewer Connection Details	
P.V.C. Service Connection into Existing P.V.C. Sewer Mains	
P.V.C. Service Connection into New P.V.C. Sewer Mains	232
Water Detail Drawings (Series 300)	
Water Meter Box Details	
Water Meter Box Location Details	301
Standard Fire Hydrant Details	302
Water Meter Setter Details	303
8" or 6" Water Lateral (Connection to Existing Line)	304
3/4" Water Service Connection & Meter	
Water Line Thrust Block Details	306
Standard Tee PVC Restraining System Detail	307
Standard Bends for PVC Restraining System Detail	308
Standard Tee Ductile Iron Restraining System Detail	
Standard Bends for Ductile Iron Restraining System Detail	310
Standard Dead-end for Ductile Iron Restraining System Detail	
In Line Valve/Dead –End on PVC Pipe Detail	312
Standard Pressure Reducing Valve for Existing PRV & Piping (Page 1)	314A
Standard Pressure Reducing Valve Vault Lid (Page 2)	314B
Standard Pressure Reducing Valve & Vault for New Construction (Page 1)	315A
Standard Pressure Reducing Valve Vault Lid	315B
Standard Air-Vac Detail	
Remote Air-Vac Detail	317
2" Fire Line Detail	
Fire Line Valve Box	319
Concrete Encasement Detail	
Signage Detail Drawings (Series 400)	
Standard Street Sign	400
Standard Street Sign	
Private Street Signs	
Sign Designation Form	
Sign, Post, and Installation Details	
Sign Post & Mounting Details	
Typical Sign Placement Details	412



STANDARD CURB & GUTTER (TYPE HB30-7)

NOTES:

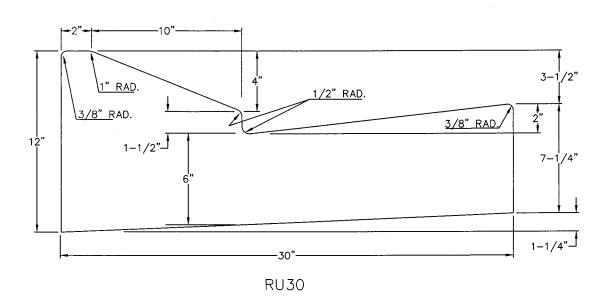
1. ALL CONCRETE SHALL BE CLASS "A".

	SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT
REVISIONS ATE DESCRIPTION BY	STANDARD CURB & GUTTER
	DETAIL

STANDARD DWG. NO. 100 APPROVED:

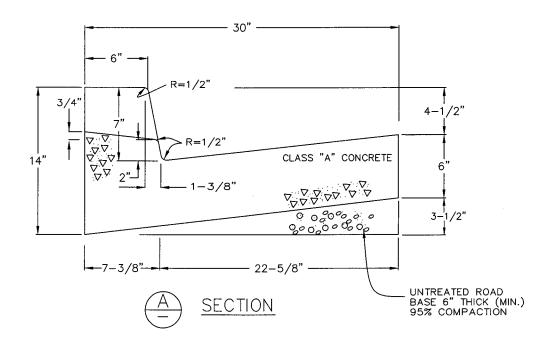
DATE: OCT 2008 BY: TE

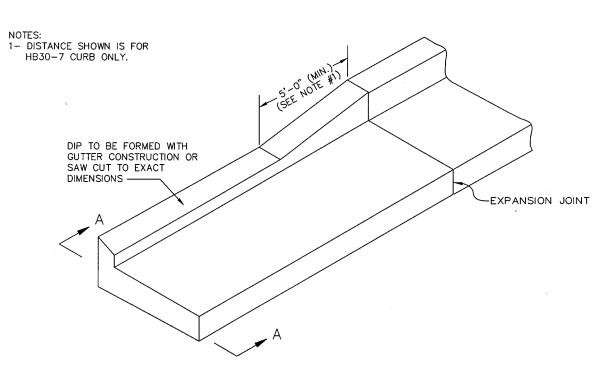
SUTTER DETAIL



NOTES: 1- ALL CONSTRUCTION & MATERIALS SHALL CONFORM TO CITY STANDARDS.

		****	SANTA CLARA PUBLIC SERVICES DEPARTMENT		
	REVISIONS			STANDARD DWG.	. NO.
ATE	DESCRIPTION	BY	CONCRETE CURB & GUTTER	101	1 OF 1
			(RU30 & PR24)	APPROVED:	
			(NO30 & 1 N2+)	DATE: OCT 2008 BY	: TE

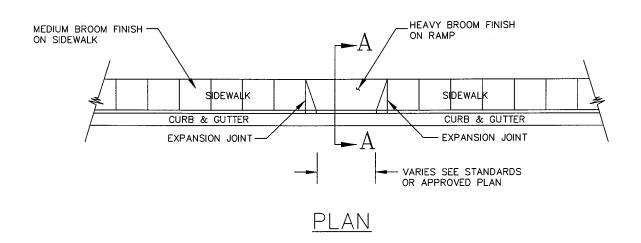


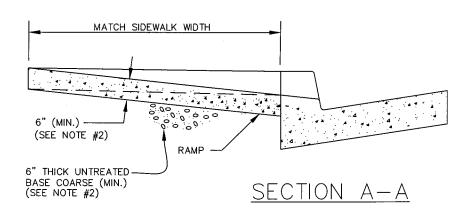


PERSPECTIVE VIEW

NO SCALE

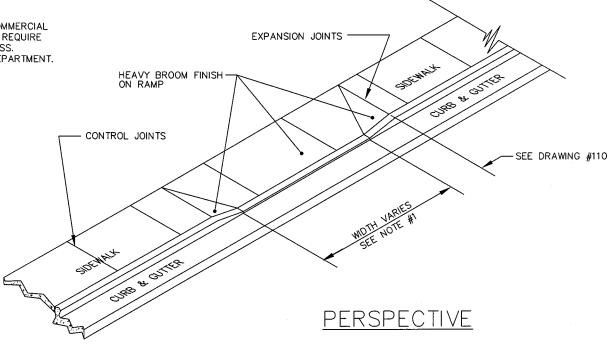
	SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD DWG	3. NO.
ATE DESCRIPTION BY	DRIVEWAY CURB (TYPE HB30-7)	110	1 OF 1
	,	APPROVED:	
	DETAILS	DATE: OCT 2008 B	Y: TE



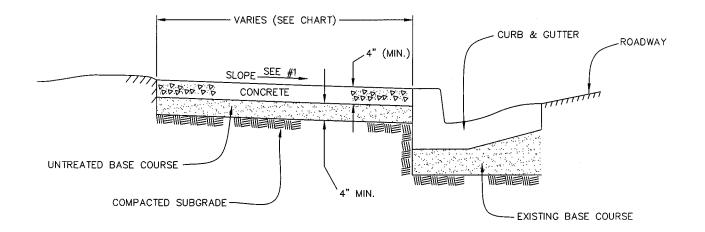


1- WIDTH OF DRIVEWAYS VARIES
WITH USE- SEE CITY STANDARDS
OR CONTACT ENGINEERING
DEPARTMENT.

2- DRIVEWAYS WITH COMMERCIAL OR INDUSTRIAL USE REQUIRE ADDITIONAL THICKNESS.
SEE ENGINEERING DEPARTMENT.



	SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD DWG	G. NO.
ATE DESCRIPTION BY	DRIVEWAY APRON	111	1 OF 1
	`	APPROVED:	
	DETAILS		V. TE
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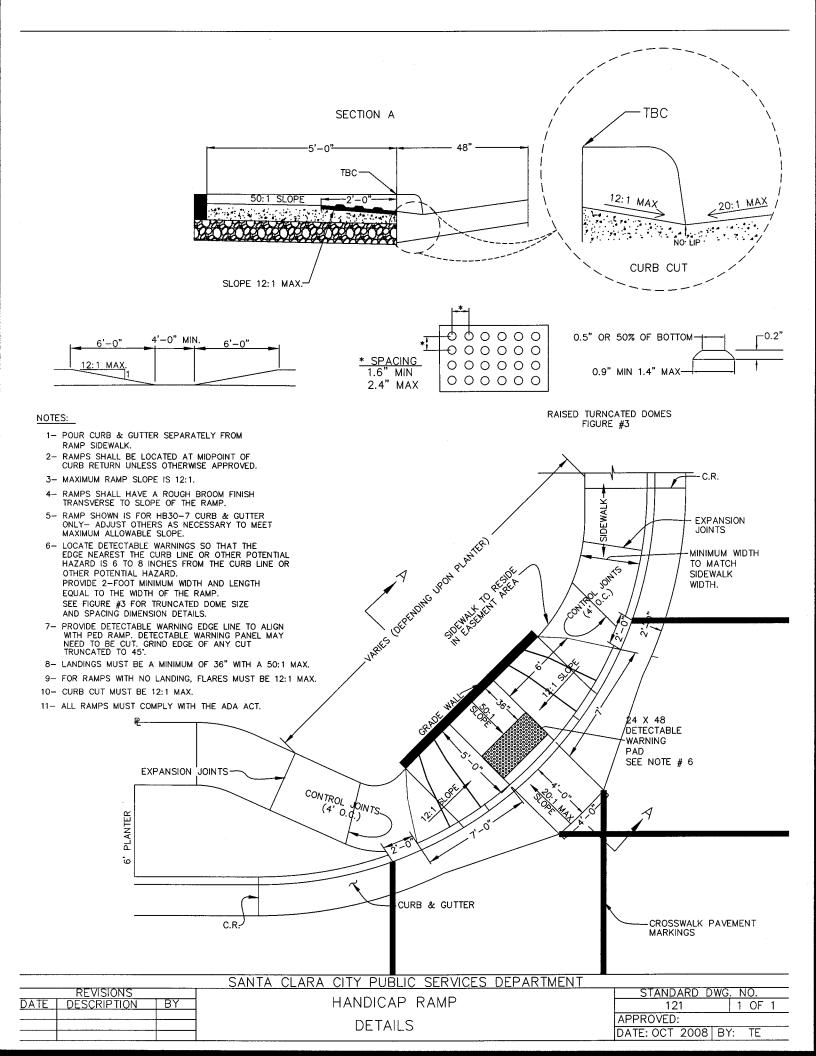


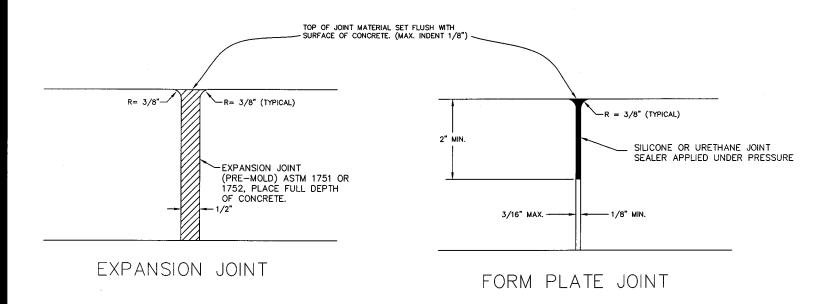
GENERAL NOTES

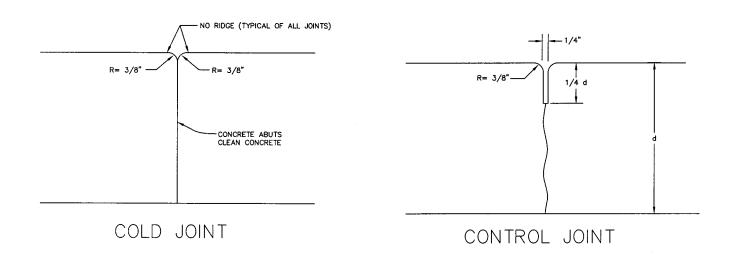
- 1- CROSS SLOPE SHALL BE 1/4 INCH RISE PER FOOT FROM TOP OF CURB (SLOPE NOT TO EXCEED 1/2 INCH RISE PER FOOT).
- 2- UNTREATED BASE COURSE SHALL BE PLACED UNDER SIDEWALK AND COMPACTED TO A MIN. OF 95%. THICKNESS OF UNTREATED BASE NOT LESS THAN 4 INCHES.
- 3- USE CLASS "A" CONCRETE ONLY (6 BAG, TYPE V CEMENT).
- 4- SIDEWALK SURFACE TO HAVE A MEDIUM BROOM FINISH.
- 5— SIDEWALKS IN COMMMERCIAL ZONES SHALL BE A MIN. OF 7' WIDE WHERE DESIGNATED BY THE CITY.
- 6- WHERE SIDEWALKS CROSS DRIVEWAYS, MINIMUM THICKNESS SHALL BE AS FOLLOWS: RESIDENTIAL: 6" FOR SIDEWALK, 6" FOR ROADBASE COMMERCIAL/INDUSTRIAL: 8" FOR SIDEWALK, 8" FOR ROADBASE.
- 7- FIBER EXPANSION JOINTS SHALL BE PLACED AT BOTH ENDS OF DRIVEWAY
- 8- FIBER EXPANSION JOINTS SHALL ALSO BE PLACED BETWEEN DRIVEWAY AND BACK OF SIDEWALK.

		ROAD TYPE		
SIDEWALK	LOCAL	COLLECTOR	ARTERIAL	
WIDTH	4'	5'	5'+	
SCORE JOINT SPACING	4'	5'	5'+	
EXPANSION JOINT SPACING	20'	20'	20'	

	REVISIONS	• · · · · · · · · · · · · · · · · · · ·
ATE	DESCRIPTION	BY





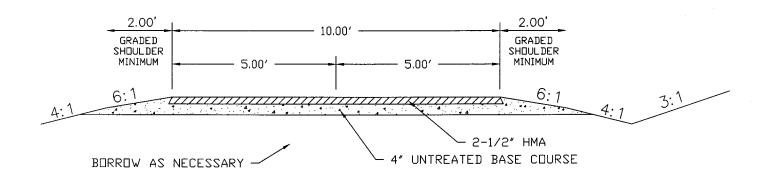


SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT

REVISIONS
ATE DESCRIPTION BY
STANDARD CONCRETE JOINT
DETAILS

STANDARD DWG. NO.

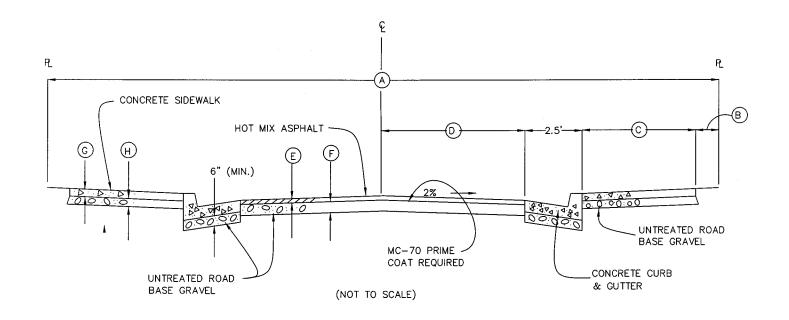
122 | 1 OF 1
APPROVED:
DATE: OCT 2008 | BY: TE



TYPICAL SECTION

NOTE: TRAIL TO MEET AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (ASHTO) "GUIDE FOR DEVELOPMENT OF BICYCLE FACILITIES" DESIGN STANDARDS.

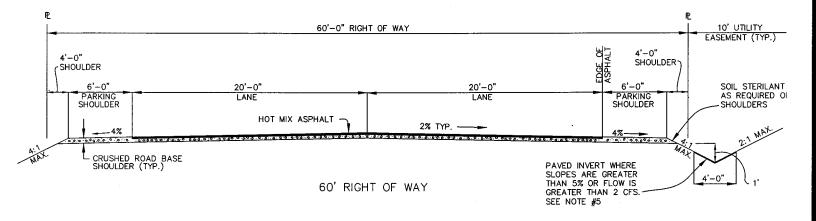
, , , , , , , , , , , , , , , , , , , ,	CITY OF WASHINGTON ENGINEERING DEPARTMENT		
REVISIONS ATE DESCRIPTION BY	DESCRIPTION BY	STANDARD D	0WG. NO. 1 OF 1
	TO TRAIL SECTION	APPROVED:	BY: -

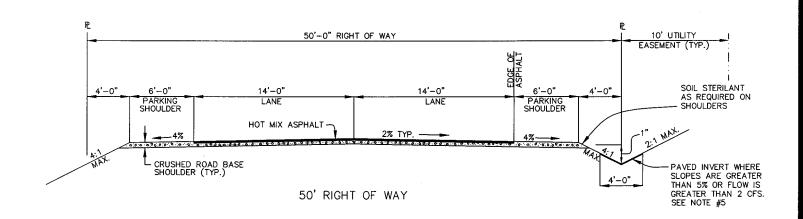


DIMENSIONS			
MARK	LOCAL	COLLECTOR	ARTERIAL
А	50'	60'	80'
В	1'	0.5'	0,
С	4'	5'	5'+
D	17.5'	23.0'	32.5'
E(MIN)	2.5"	3"	3.5"
F ,	SEE STANDARD SPECIFICATIONS		
G	4" FOR SIDEWALK, 6" FOR DRIVEWAY APRONS		
Н	4" UNDER SIDEWALKS, 6" UNDER DRIVEWAYS		

- 1- MAXIMUM ALLOWABLE DIFFERENCE IN CURB ELEVATION SHALL BE 12 INCHES AND MUST HAVE CITY ENGINEER APPROVAL PRIOR TO ITS USE.
- 2— FOR ROADS IN OR SERVING INDUSTRIAL AREAS, ASPHALT AND BASE THICKNESS SHALL BE INCREASED ACCORDING TO PROVISIONS FOR HEAVY TRUCK TRAFFIC.
- 3- MINIMUM ASPHALT THICKNESS IS SHOWN. THICKNESS SHALL BE BASED UPON ACTUAL ENGINEERING ANALYSIS, BUT IN NO CASE SHALL IT BE LESS THAN THE MINIMUM.

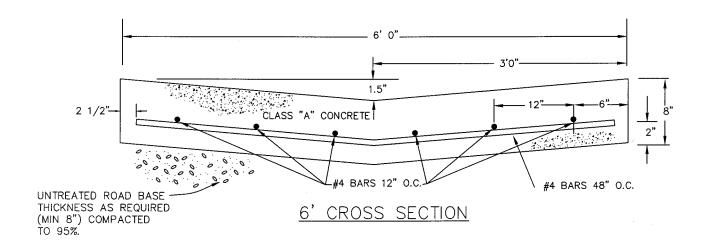
	SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG, NO.
ATE DESCRIPTION BY	CTANDADD DOAD CDOCC CECTIONS	140 1 OF 1
	STANDARD ROAD CROSS SECTIONS	APPROVED:
		DATE: OCT 2008 BY: TE

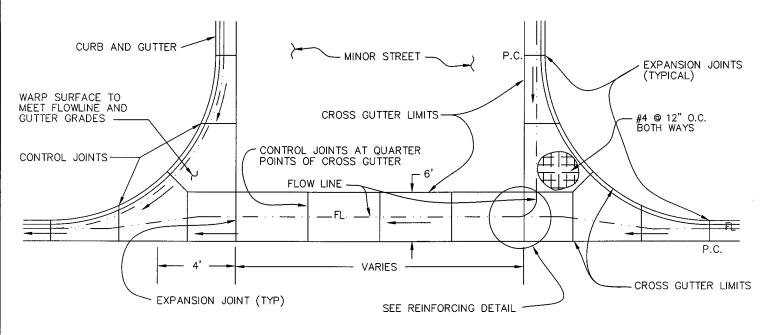




- 1) SHOULDER WIDTH & SLOPES WILL VARY FOR WIDER RIGHT-OF-WAY WIDTH.
- 2) FOR ROADWAY STRUCTURAL THICKNESS USE ROAD CROSS SECTION STANDARD IN STANDARD SPECIFICATIONS.
- 3) AREA BETWEEN EDGE OF ASPHALT AND PROPERTY LINE SHALL NOT BE PAVED EXCEPT AT DRIVES.
- 4) ALL DRAINAGE MUST SLOPE AWAY FROM PAVEMENT EDGE. DO NOT CHANNEL WATER ALONG ROADWAY EDGE.
- 5) OTHER EROSION CONTROL MATERIALS MAY BE USED UPON APPROVAL OF THE CITY ENGINEER.
- 6) ROADWAYS WITH RIGHT-OF-WAY WIDTHS GREATER THAN 66' (ie MAJOR COLLECTORS & HIGHER) SHALL COMPLY WITH THE CITY STANDARD STREET CROSS SECTIONS UNLESS OTHERWISE APPROVED.
- 7) 10' MINIMUM WIDE UTILITY EASEMENT REQUIRED OUTSIDE OF RIGHT OF WAY, BOTH SIDES OF STREET.

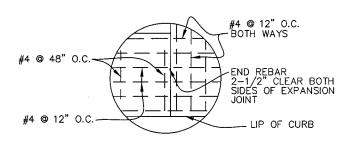
	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG, NO.
ATE DESCRIPTION BY	ROADWAY DETAILS	141 1 OF 1
	50' WIDE ACCESS	APPROVED:
	JU WIDE ACCESS	DATE: OCT 2008 BY: TE





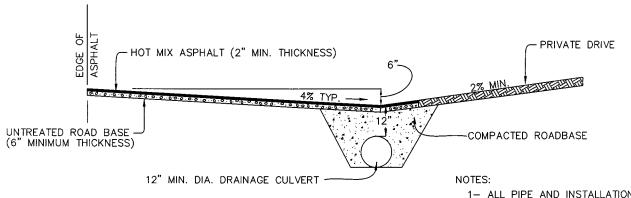
- 1- FOR USE ON RESIDENTIAL & COMMERCIAL STREETS.
- 2- CROSS GUTTERS ARE USED AT INTERSECTIONS ONLY UNLESS OTHERWISE APPROVED.
- 3- CROSS GUTTER SHALL CROSS THE MINOR STREET.
- 4- ALL REINFORCING STEEL SHALL HAVE 2-INCH MINIMUM CLEAR COVER. SUPPORT CHAIRS, BLOCKS OR OTHER APPROVED EQUAL SHALL BE USED TO RAISE STEEL OFF GROUND.
- 5- REINFORCING TO EXTEND TO LIMITS OF CROSS GUTTER.
- 6- ALL REINFORCING STEEL SHALL BE GRADE 60 ASTM A 615.

PLAN



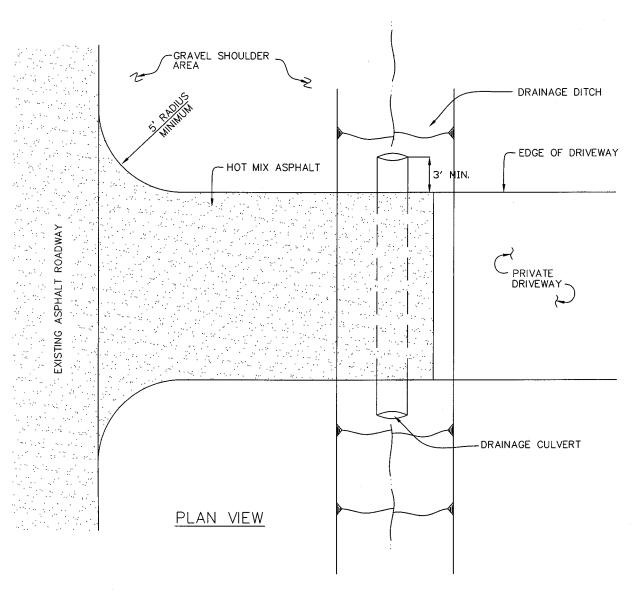
REINFORCING DETAIL

	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS DATE DESCRIPTION BY	STANDARD 6' CROSS GUTTER	STANDARD DWG. NO. 151 1 OF 1 APPROVED: DATE: OCT 2008 BY: TE

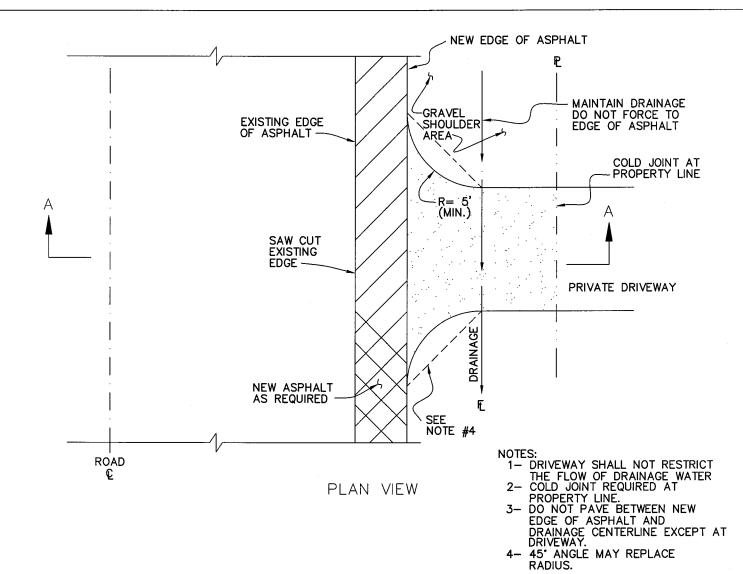


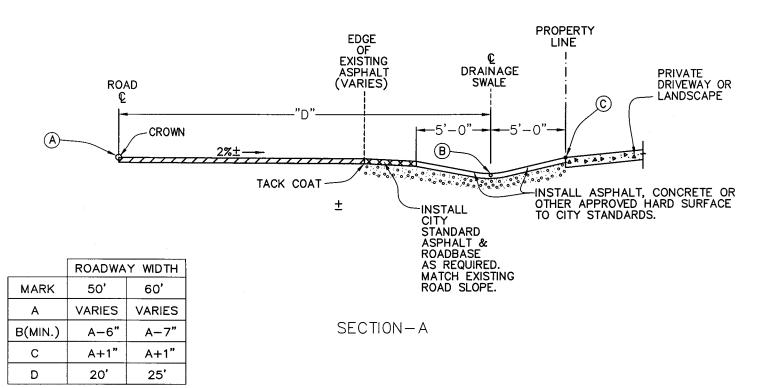
SECTION AT DRIVEWAY G

- 1- ALL PIPE AND INSTALLATION TO TO MEET CITY STANDARDS.
- 2- CULVERT TO HAVE A MINIMUM SLOPE OF 0.5%.
- 3- DO NOT PAVE BETWEEN EDGE OF ASPHALT AND DRAINAGE DITCH EXCEPT AT DRIVEWAY.

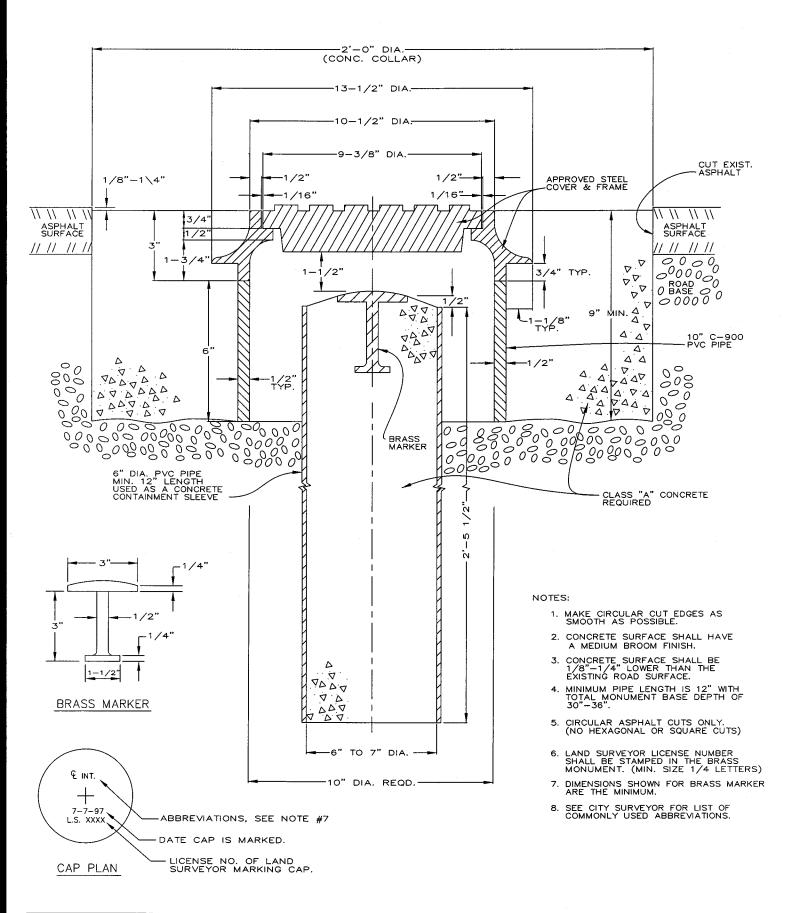


	SANTA CLARA PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD DWG. NO.	<i>I</i> .
ATE DESCRIPTION BY	DRIVEWAY ACCESS DETAILS	152 1 0)F 1
	WITHOUT CURBING	APPROVED:	
	WITHOUT CORDING	DATE: OCT 2008 BY: TE	E



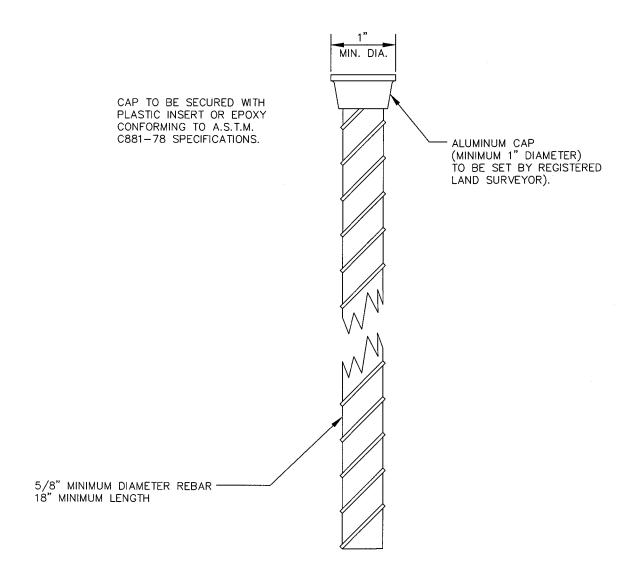


	SANTA CLARA PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD DWG.	NO.
ATE DESCRIPTION BY	DRIVEWAY ACCESS	153	1 OF 1
	WITHOUT CURBING (50' & 60' RIGHT OF WAY)	APPROVED:	
	mineer consults (co as co morn or min)	DATE: OCT 2008 BY:	TE



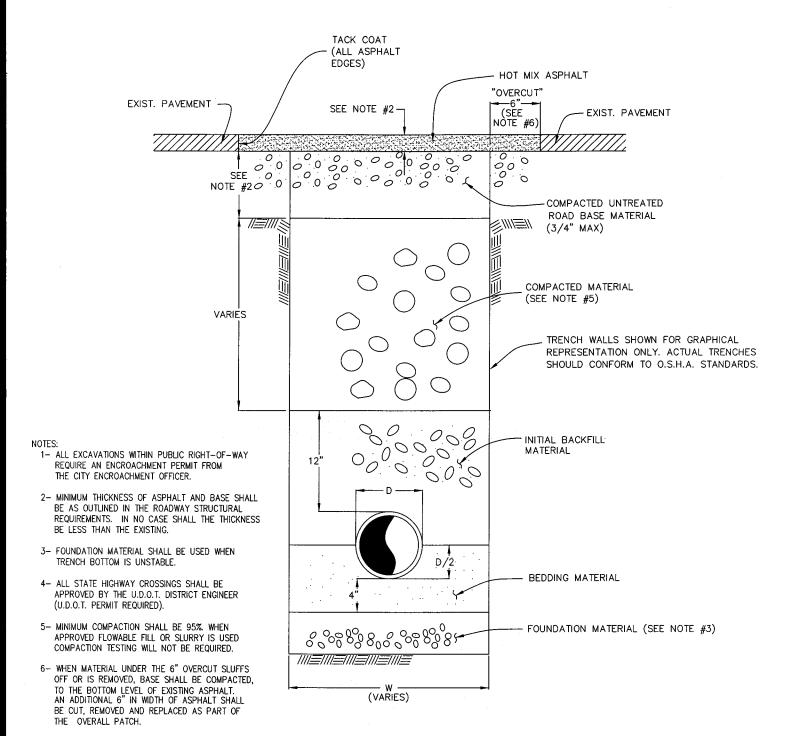
	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	CLASS I STANDARD MONUMENT	160 1 OF 1
	DETAILS	APPROVED:
	DETAILS	DATE: OCT 2008 BY: TE

- 1- TYPE II MONUMENTS TO BE SET AT ALL CENTERLINE CONTROL POINTS NOT OTHERWISE IDENTIFIED BY A TYPE I MONUMENT AND AS REQUIRED BY THE CITY SURVEYOR.
- 2— THE REGISTERED LAND SURVEYOR'S NUMBER, AND A PUNCH MARK ARE TO APPEAR ON THE SURFACE OF THE CAP.
- 3- ALUMINUM CAP SHALL BE SET FLUSH WITH SURFACE OF ROAD.



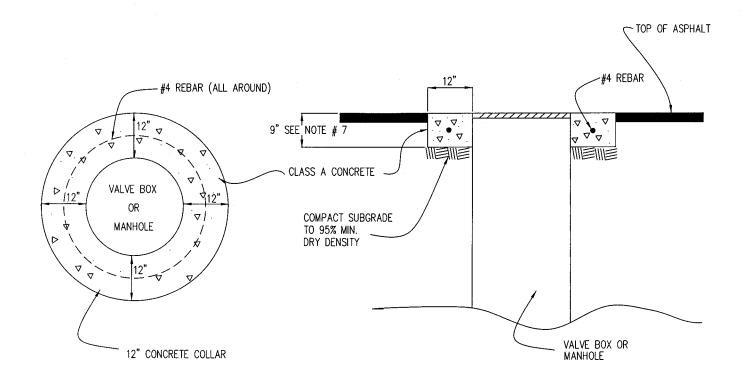
TYPE I MONUMENT

	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	CIACC T MONITMENT	161 1 OF 1
	CLASS II MONUMENI	APPROVED:
		DATE: OCT 2008 BY: TE

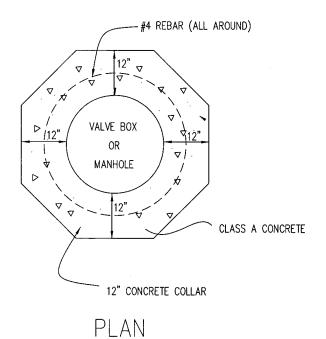


- 7- WHERE ROAD SECTION HAS A DESIGNED GRANULAR SUB-BASE, IT SHALL BE REPLACED IN KIND OR WITH ROAD BASE GRAVEL.
- 8- IN GENERAL, STREET SURFACES LESS THAN 24 MONTHS OLD WILL NOT BE CUT! IF A CUT MUST BE MADE, ADDITIONAL, STRICTER REQUIREMENTS MAY BE INVOKED. SEE ENCROACHMENT OFFICER.
- 9- 24 HOUR NOTICE REQUIRED ON ALL INSPECTIONS.
- 10- ALL TRENCH BACKFILL SHALL MEET MIN. COMPACTION REQUIREMENTS.
- 11- EXCLUDING EMERGENCY CLOSURES ALL ROAD CLOSURES AND DETOURS REQUIRE 48 HOURS PRIOR NOTICE.

	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS ATE DESCRIPTION BY	TRENCH BACKFILL AND REPAIR DETAIL	STANDARD DWG. NO. 170



PLAN



OPTIONAL

SECTION

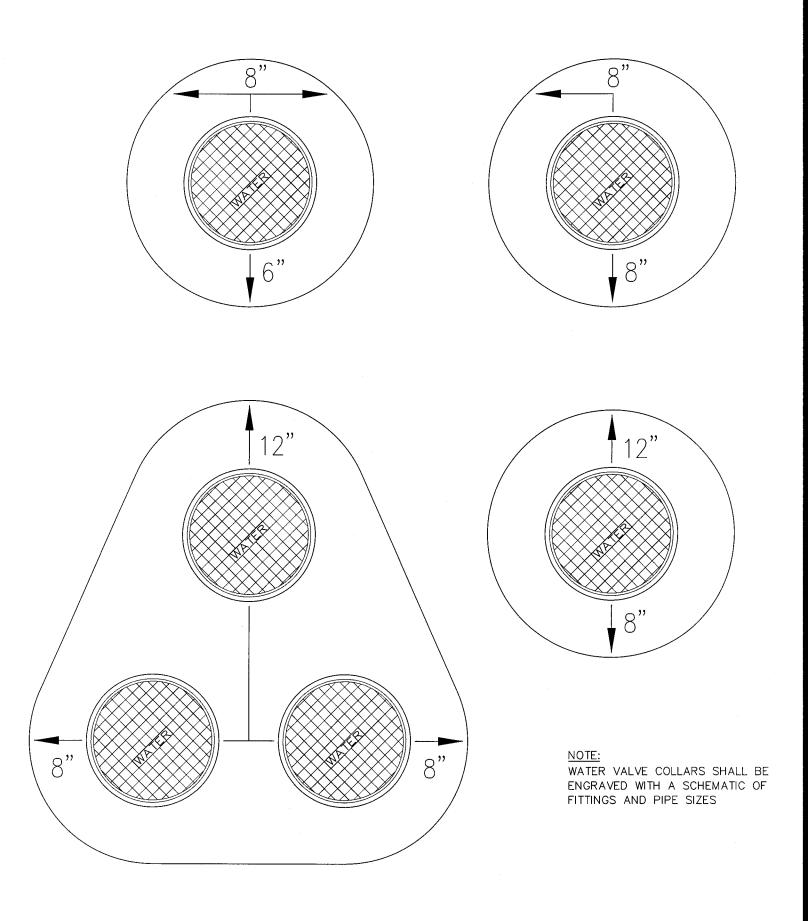
NOTES:

- 1- MANHOLES, VALVE BOXES AND OTHER SIMILAR ITEMS SHALL BE ADJUSTED TO GRADE AFTER PAVING IS COMPLETE.
- 2- THE SURFACE OF THE ADJUSTED RING SHALL MATCH THE GRADE OF THE CONCRETE COLLAR. CONCRETE COLLAR SHALL BE 1/8" - 1/4" LOWER THAN ASPHALT.
- 3- ASPHALT SHALL BE CUT IN STRAIGHT VERTICAL LINES.
- 4- ADJUSTMENTS TO GRADE SHALL BE MADE WITH STANDARD RINGS OR EXTENTIONS OR AS APPROVED BY THE CITY REPRESENTATIVE.
- 5- ALL MANHOLES, VALVE BOXES AND OTHER SIMILAR ITEMS SHALL HAVE CONCRETE COLLAR AS REQUIRED UNLESS OTHERWISE APPROVED.
- 6- 9" THICK COLLARS SHALL BE REINFORCED. 12 " THICK COLLARS DO NOT REQUIRE REINFORCEMENT.
- 7- MARK CONCRETE COLLAR ON WATER VALVE BOXES WITH ARROW INDICATING DIRECTION OF FLOW.

			SANTA CLARA PUBLIC SERVICES DEPARTMENT
	REVISIONS		
ATE	DESCRIPTION	BY	MANHOLES & VALVE BOXES
			MANIFOLES & VALVE BOXES
			CONCRETE COLLAR

STANDARD	DWG.	N	Ю.	
171		1	OF	1
PPROVED:				

AP DATE: OCT 2008 BY:

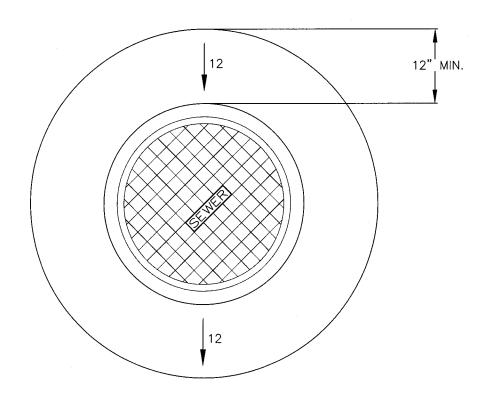


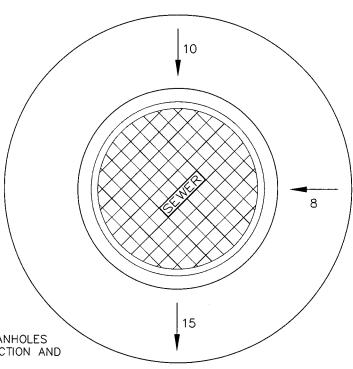
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ATE	DESCRIPTION	BY
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SANTA CLARA PUBLIC SERVICES DEPARTMENT

CONCRETE WATER VALVE COLLAR

STANDARD DWG	N	10.	
172	1	OF	1
APPROVED:			
DATE: OCT 2008 BY	' :	TE	





CONCRETE COLLARS FOR SEWER MANHOLES SHALL BE ETCHED WITH FLOW DIRECTION AND SIZE OF PIPE.

SANTA CLARA PUBLIC SERVICES DEPARTMENT

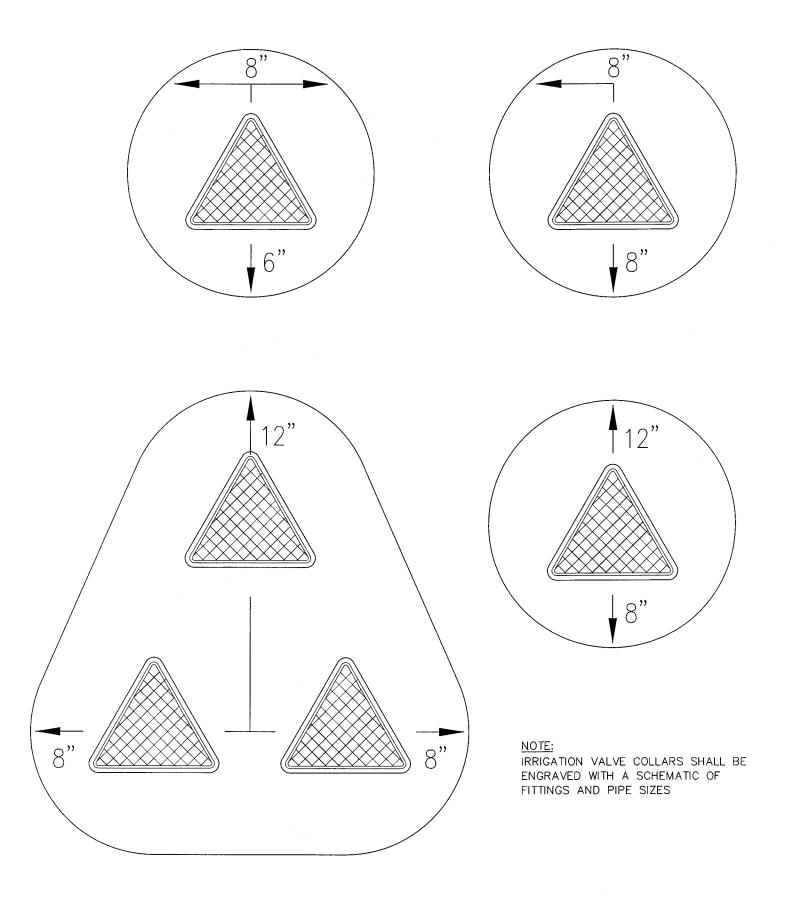
REVISIONS
ITE DESCRIPTION BY

CONCRETE MANHOLE COLLAR

STANDARD DWG. NO.
173 1 OF 1
APPROVED:

BY: TE

DATE:

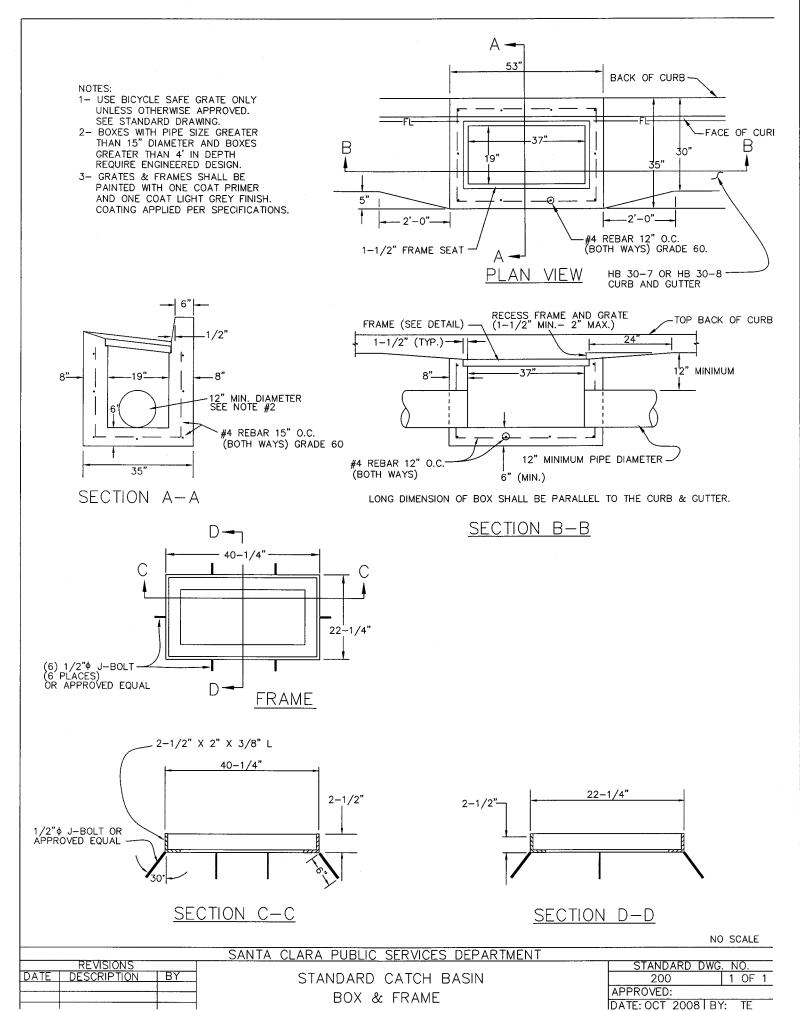


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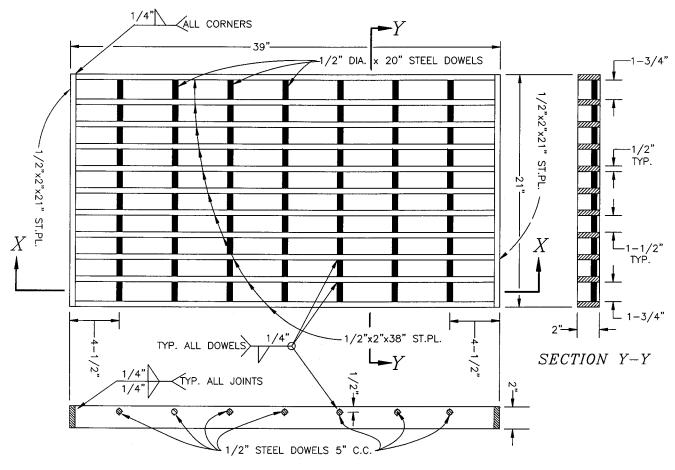
SANTA CLARA PUBLIC SERVICES DEPARTMENT

CONCRETE IRRIGATION VALVE COLLAR

STANDARD	DWG	. \	10.	
174		1	OF	1
APPROVED:				
DATE:	BY	<u>′:</u>	TE	



- 1. USE ONLY GRADE 60 STEEL
- 2. PAINT ALL SURFACES OF GRATE. APPLY ONE COAT OF PRIMER, AND ONE FINISH COAT, (LIGHT GREY COLOR)
 AS PER STANDARD CITY SPECIFICATIONS

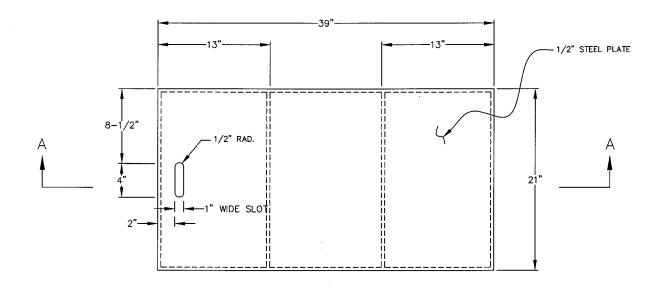


SECTION X-X

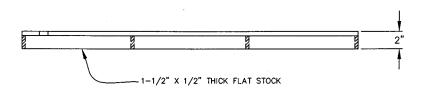
	REVISIONS	
ATE	DESCRIPTION	BY

SANTA	CLARA	PUBL	.IC	SERV	ICES	DE	PARTMEN	ĪΤ
	-							
	STAND	ARD	CA	ATCH	BAS	IN	GRATE	
		(E	NΟ,	YCLE	SVE	E)		
		\ L	\cdots		2/1	∟ /		

STANDARD DWG	. N	0.		
202	1	OF	1	
APPROVED:		-		
DATE: OCT 2008 BY	<u>': </u>	TE		



- 1- FINISH SHALL BE ONE COAT PRIMER,
 ONE FINISH COAT, LIGHT GRAY ENAMEL.
 2- LID SHALL BE ALL WELDED CONSTRUCTION.
 3- FOR USE IN NON-TRAFFIC INSTALLATIONS.
 4- LID SHALL BE DIAMOND PLATE STEEL.



SECTION A-A

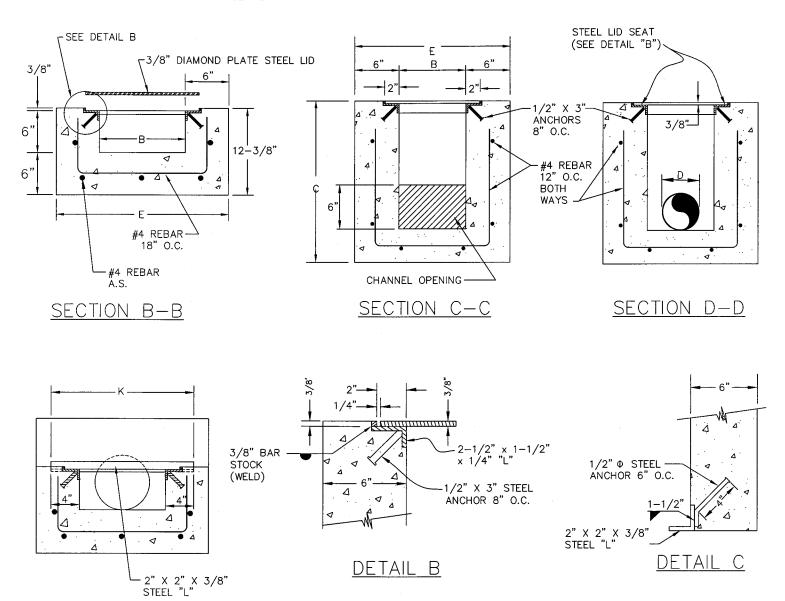
	REVISIONS	
ATE	DESCRIPTION	BY
		-

SANTA CLARA PUBLIC SERVICES DEPARTMENT

39" SOLID LID DETAILS

STANDARD DWG	. N	10.	
203	1	OF	2
APPROVED:			
DATE: OCT 2008 BY	' :	TE	

NOTE: STEEL LID TO BE FLUSH WITH CONCRETE SIDEWALK.



SECTION E-E

М	ARK	DIMENSION (INCHES)		COMMENTS		
	В	10	15	20	30*	INSIDE WIDTH
	С	20	22	24	27	CLEANOUT BOX HEIGHT
	D	≤ 8	10	12	15	INLET PIPE
	E	22	27	32	42	BOX WIDTH
	κ	18	23	28	38	STEEL END SUPPORT
1			l	i		

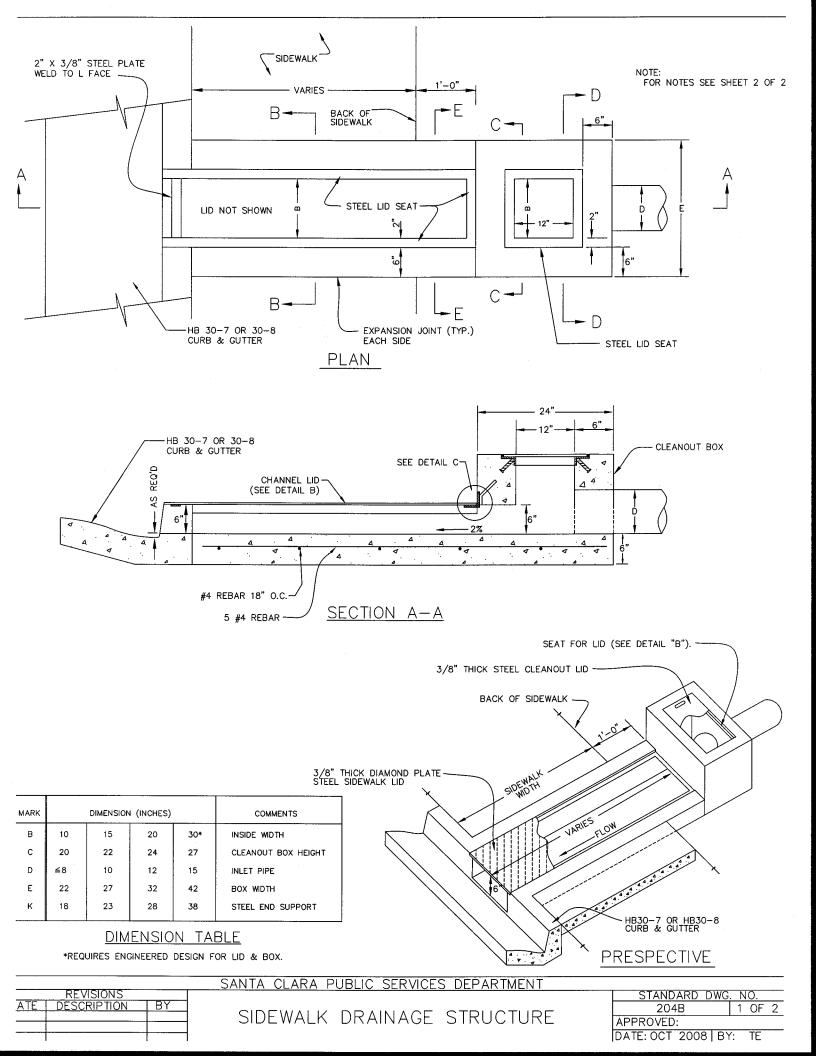
DIMENSION TABLE

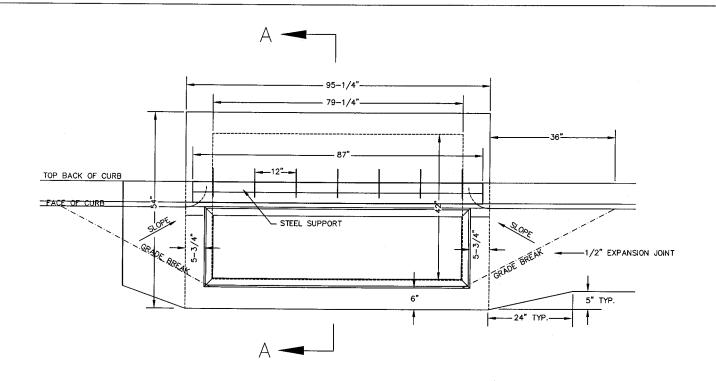
*REQUIRES ENGINEERED DESIGN FOR LID & BOX.

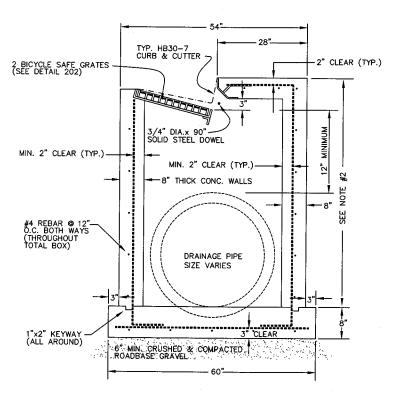
- 1- ALL REBAR SHALL HAVE 2" MIN. CLEAR. 2- STEEL LID SHALL BE FLUSH WITH CONCRETE. 3- BOX DIMENSIONS BASED UPON INLET PIPE SIZE "D".
- 3- BOX DIMENSIONS BASED UPON INLET PIPE SIZE
 4- ALL STEEL SHALL BE GRADE 60.
 5- LID FOR CLEANOUT BOX SHALL HAVE
 1-4 INCH X 1" SLOT FOR LIFTING. LID
 MAY BE SMOOTH OR DIAMOND PLATE STEEL.
 6- SIDEWALK LID SHALL BE DIAMOND PLATE STEEL.
 7- STANDARD REBAR SHALL NOT BE USED

- 7- STANDARD REBAR SHALL NOT BE USED FOR STEEL ANCHORS.
 8- ALL EXTERIOR EDGES OF CLEANOUT BOX TO HAVE 3/4" TO 1" CHAMFER (NOT SHOWN IN DETAILS FOR CLARITY).
 9- STEEL LIDS AND SEAT TO BE PAINTED GREY IN ACCORDANCE WITH CITY STANDARDS.

	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	OLDEWALL DO ALL OF OTOLIOTUDE	204A 2 OF 2
	SIDEWALK DRAINAGE STRUCTURE	APPROVED:
		DATE: OCT 2008 BY: TE







- 1- USE BICYCLE SAFE GRATES ONLY.
- 2- FOR PIPE SIZE GREATER THAN 42" DIAMETER AND 60" DEPTH ENGINEERED DESIGN REQUIRED.

SECTION A-A

REVISIONS

ATE DESCRIPTION BY

CURB INLET DOUBLE CATCH BASIN BOX

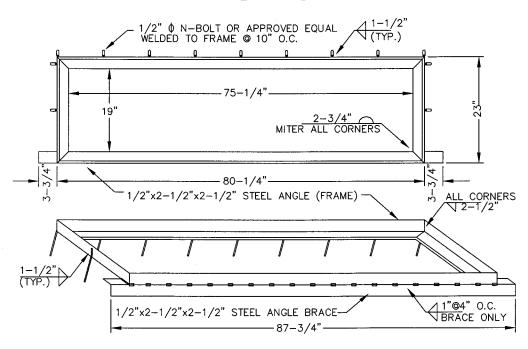
CURB INLET DOUBLE CATCH BASIN BOX

CURB INLET DOUBLE CATCH BASIN BOX

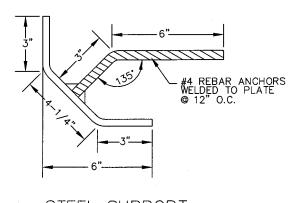
APPROVED:

DATE: OCT 2008 | BY: TE

PLAN VIEW



FRAME & SUPPORT BRACE

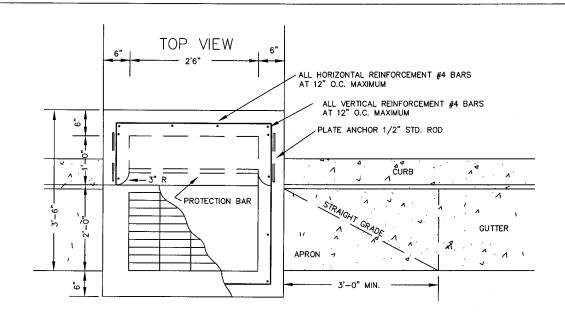


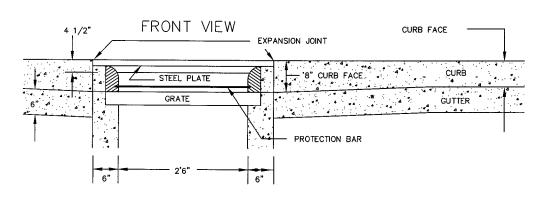
STEEL SUPPORT

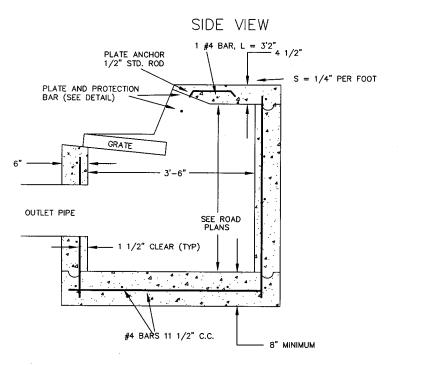
NOTES:

 FRAME SHALL BE PAINTED WITH ONE COAT PRIMER AND ONE COAT LIGHT GREY FINISH.

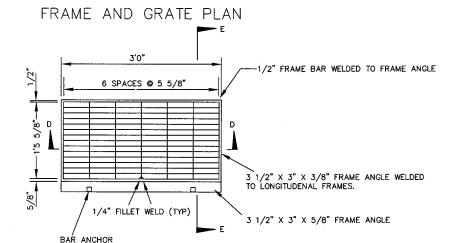
	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	OUDD INVEST DOUBLE OFFOIL DACIN EDAME	205B 2 OF 2
	CURB INLET DOUBLE CATCH BASIN FRAME	APPROVED:
		DATE: OCT 2008 BY: TE

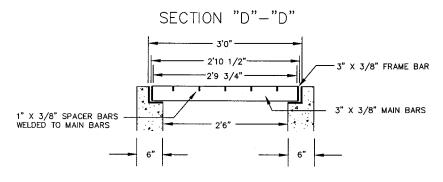


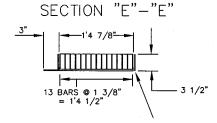




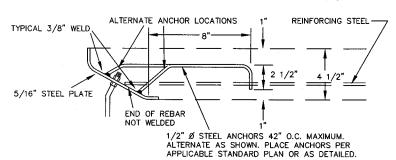
	SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD	DWG. NO.
ATE DESCRIPTION BY	CURB INLET SINGLE CATCH BASIN BOX	206A	1 OF 2
	SOND WEET SWOLE ONTON BOX	APPROVED:	
		DATE:	BY: TE



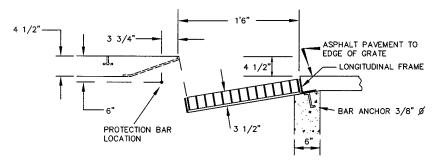




STEEL PLATE ANCHORAGE



FRAME AND GRATE INSTALLATION



NOTES:

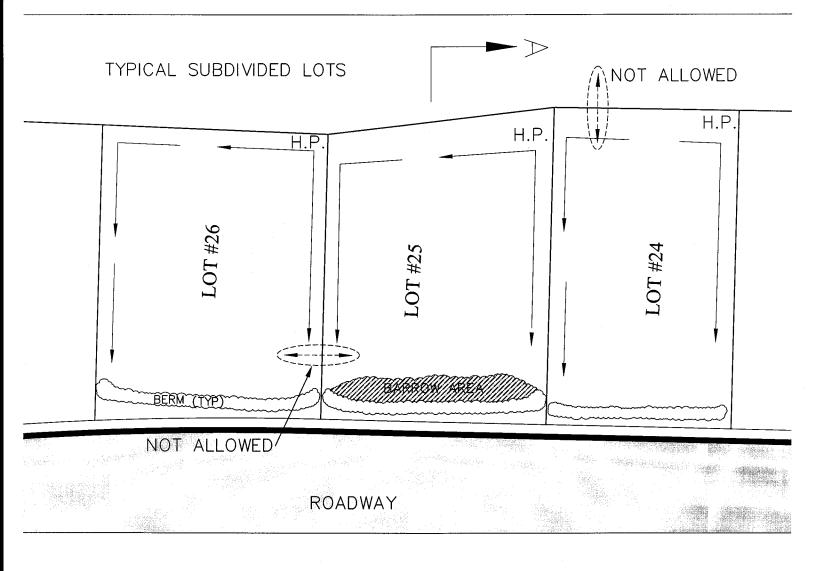
 FRAME SHALL BE PAINTED WITH ONE COAT PRIMER AND ONE COAT LIGHT GREY FINISH.

	REVISIONS	
ATE	DESCRIPTION	BY
		_
		
		•

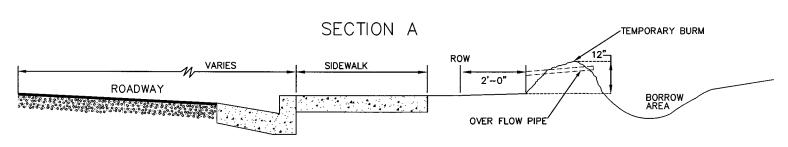
SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT

CURB INLET SINGLE CATCH BASIN FRAME

 STANDARD	DWG. NO.	
206B	2 OF	2
APPROVED:		
DATE:	BY: TE	

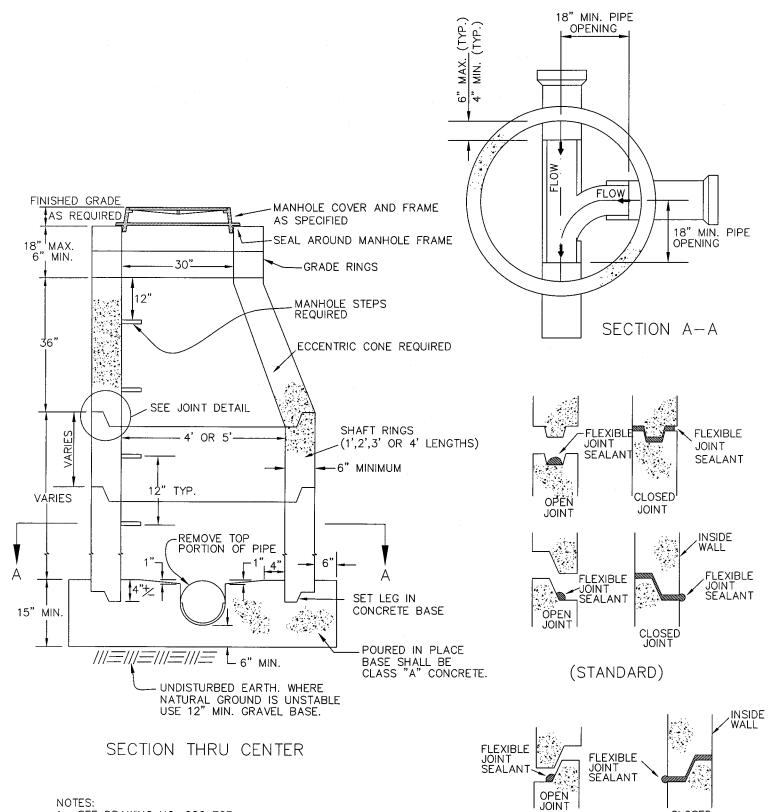






- BURM SHALL INCLUDE Ø2" DRAIN PIPE. PIPE MUST EXTEND BEYOND THE OUTER FACE OF THE BURM.
- 2. EACH LOT MUST CONTAIN IT'S OWN STORM WATER.
- 3. CROSS LOT DRAINAGE SHALL NOT BE ALLOWED.

	SANTA CLARA PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD DWG	. NO.
ATE DESCRIPTION BY	TEMPORARY ON-SITE DRAINAGE RETENTION BURM	207	1 OF 1
	FOR UNIMPROVED SUBDIVISION LOTS	APPROVED:	
	TON UNIMENOVED SUBDIVISION EUTS	DATE: OCT 2008 B	Y: TE



1- SEE DRAWING NO. 220 FOR JUNCTION AND DROP MANHOLE DETAILS AND MANHOLE SIZES.

2- PRECAST BASE MAY BE USED, BUT REQUIRES ADVANCED APPROVAL.

IF OPTIONAL JOINT IS USED, ALL MANHOLE SECTIONS SHALL BE CLEARLY MARKED ON THE INSIDE AS TO THE MANUFACTURER AND TYPE OF JOINT BEING USED.

JOINT DETAILS

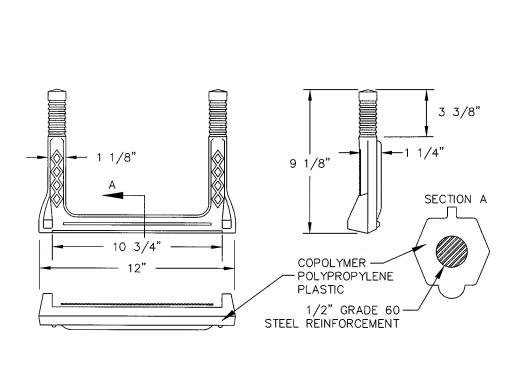
(OPTIONAL)

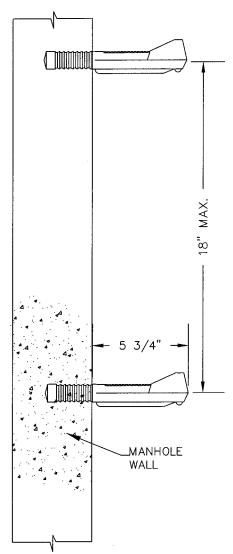
NO SCALE

CLOSED

JOINT

	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS ATE DESCRIPTION BY	STANDARD MANHOLE	STANDARD DWG. NO. 220 1 OF 1
	DETAILS	APPROVED: DATE: OCT 2008 BY: TE





MANHOLE STEPS

- 1- INSTALL STEPS PER MANUFACTURERS RECOMMENDATIONS.
- 2- STEPS SHALL BE ALIGNED VERTICALLY.

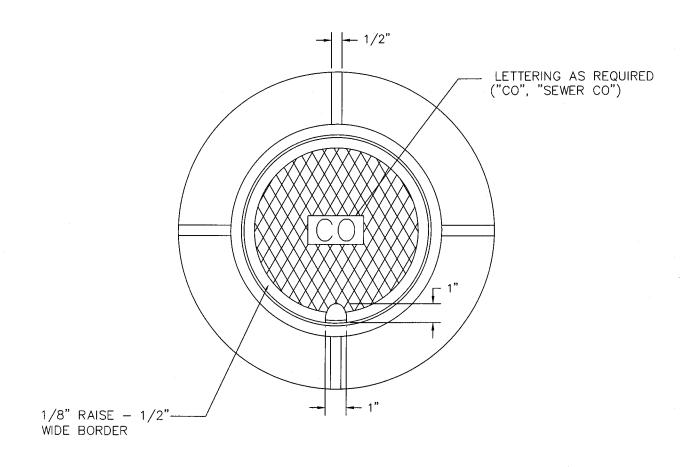
	REVISIONS	
ATE	DESCRIPTION	BY

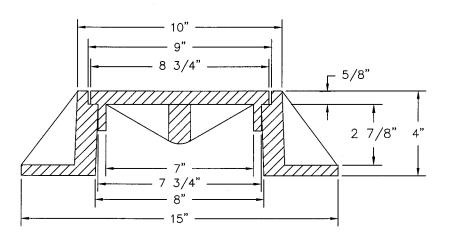
SANTA CLARA PUBLIC SERVICES DEPARTMENT

MANHOLE STEP

DETAILS

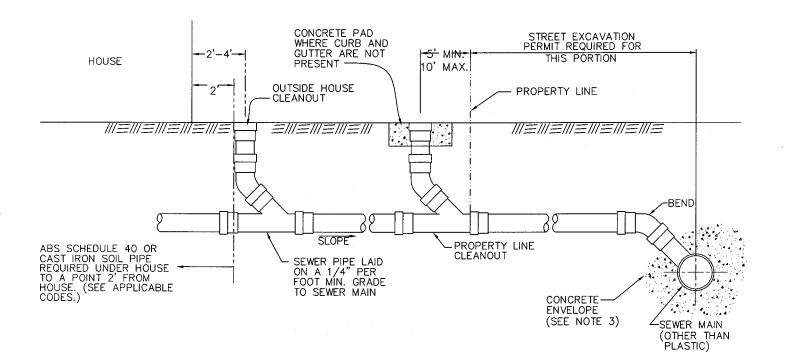
STANDARD DWG. NO.
223 1 OF 1
APPROVED:
DATE: OCT 2008 RY: TE





1- MATERIAL SHALL BE CAST IRON ASTM A48, CL30

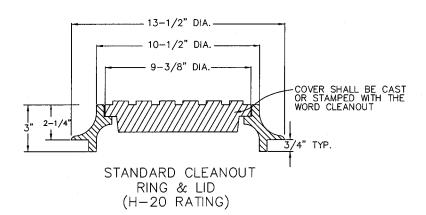
	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS ATE DESCRIPTION BY	SEWER CLEANOUT COVER DETAIL	STANDARD DWG. NO. 224 1 OF 1 APPROVED: DATE: OCT 2008 BY: TE

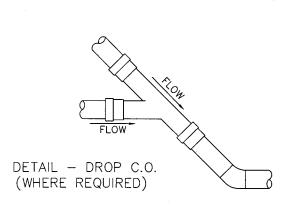


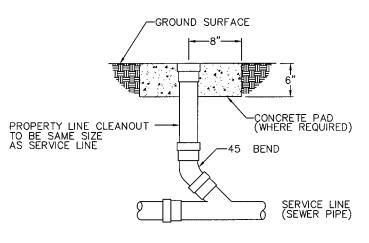
- 1- PROPERTY LINE AND OUTSIDE HOUSE CLEANOUTS ARE REQUIRED AS SHOWN.
- ARE REQUIRED AS SHOWN.

 2 CLEANOUT REQUIRED AT 100' MAX. SPACING (STRAIGHT RUNS) AND FOR EACH AGGREGATE CHANGE IN DIRECTION, WHERE TOTAL AGGREGATE CHANGE EXCEEDS 135 DEGREES.

 3 ALL LATERALS CUT INTO EXISTING MAINS SHALL BE ADAPTED WITH SADDLES. WHERE SADDLES ARE NOT WATER TIGHT, A CONCRETE ENVELOPE SHALL BE REQUIRED. LATERALS SHALL NOT PROTRUDE INTO SEWER MAINS. SEWER MAINS.
- 4- ALL CLEANOUTS LOCATED IN DRIVEWAYS OR OTHER AREAS SUBJECT TO VEHICLE TRAFFIC SHALL HAVE A CAST IRON RING AND COVER OR OTHER APPROVED PROTECTIVE DEVICE.
- 5- FOR COMMERCIAL APPLICATION CONTACT WASTE WATER DEPARTMENT.

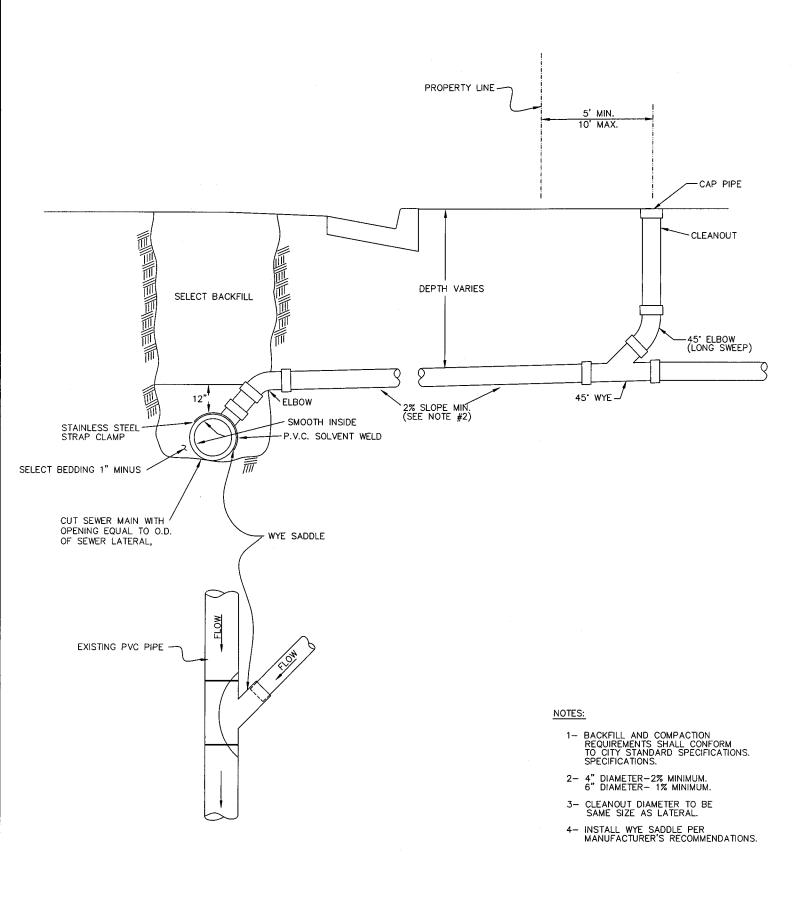




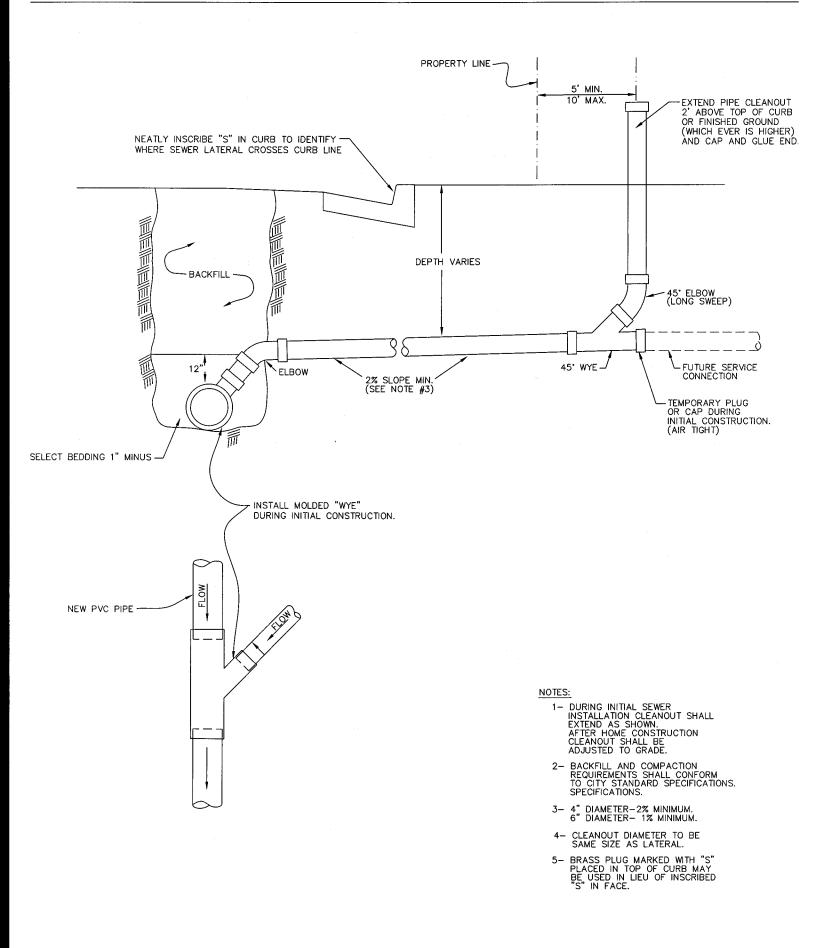


CLEANOUT DETAIL B

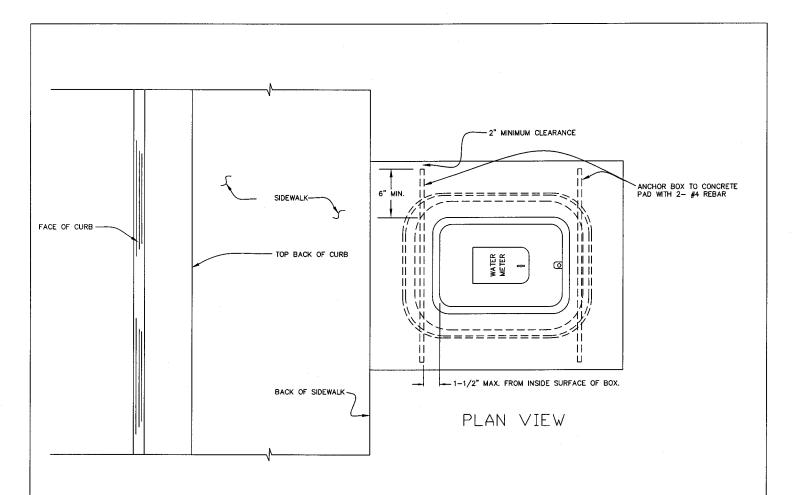
		SANTA CLARA PUBLIC SERVICES DEPARTMENT		
REVISIONS			STANDARD DWG. NO.	
ATE DESCRIPTION	BY	TYPICAL RESIDENTIAL SEWER CONNECTION	230	1 OF 1
	DETAILS		APPROVED:	
			DATE: OCT 2008 BY: TE	

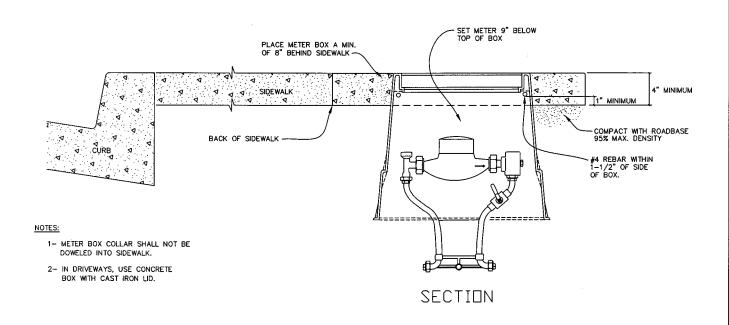


	SANTA CLARA PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD DWG	S. NO.
ATE DESCRIPTION BY	P.V.C. SERVICE CONNECTION	231	1 OF 1
	EXISTING P.V.C. SEWER MAINS	APPROVED:	
	LAISTING F.V.C. SEWEN WAINS	DATE: OCT 2008 B'	Y: TE

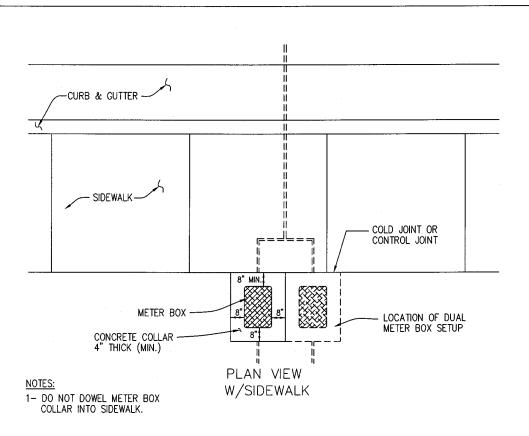


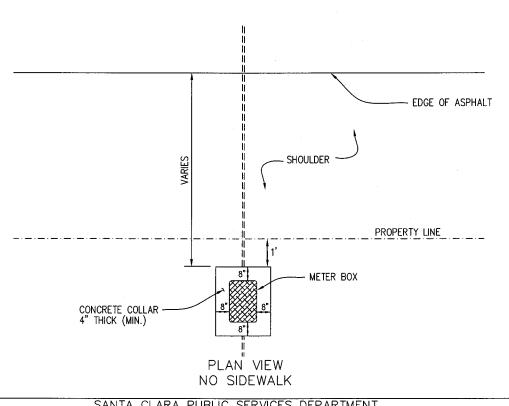
	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	P.V.C. SERVICE CONNECTION	232 1 OF
	NEW P.V.C. SEWER MAINS	APPROVED:
	NEW I.V.C. SEWER WAINS	DATE: OCT 2008 BY: TF



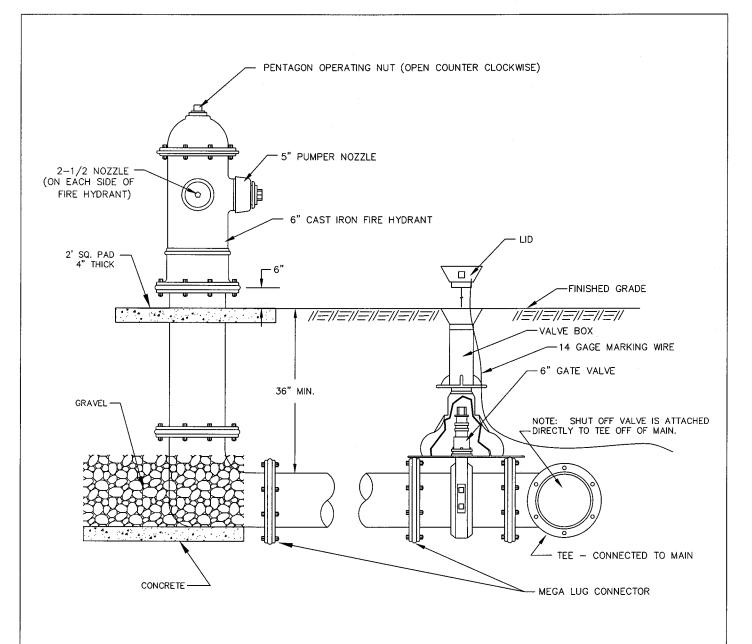


	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS DATE DESCRIPTION BY	WATER METER BOX	STANDARD DWG. NO. 300 1 OF 1
	DETAILS	APPROVED: DATE: OCT 2008 BY: TE





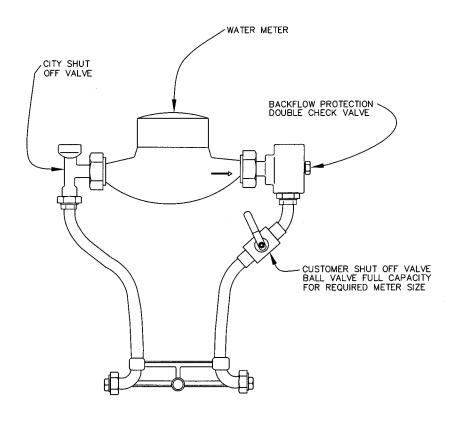
REVISIONS STANDARD DWG. NO.
DATE DESCRIPTION BY WATER METER BOX LOCATION 301 1 OF 1
APPROVED:
I I I I I I I I I I I I I I I I I I I
DATE: OCT 2008 BY: TE



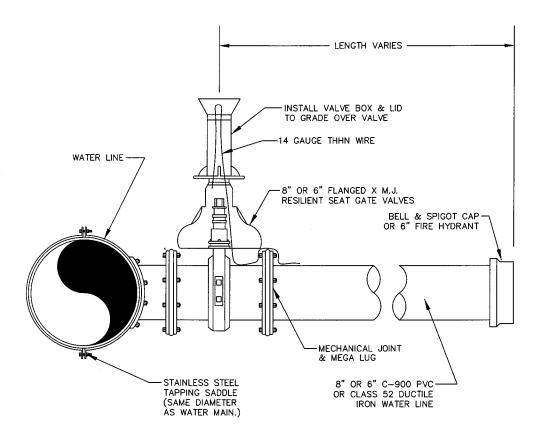
NOTES:

- 1- IN GENERAL, HYDRANTS SHALL BE PLACED A MINIMUM OF 1' BEHIND SIDEWALK. WHERE A PLANTER STRIP IS USED, HYDRANT MAY BE PLACED IN CENTER PROVIDED WIDTH OF PLANTER IS 4' OR GREATER.
- 2- INSTALL TRACER WIRE FROM SHUT-OFF VALVE TO HYDRANT

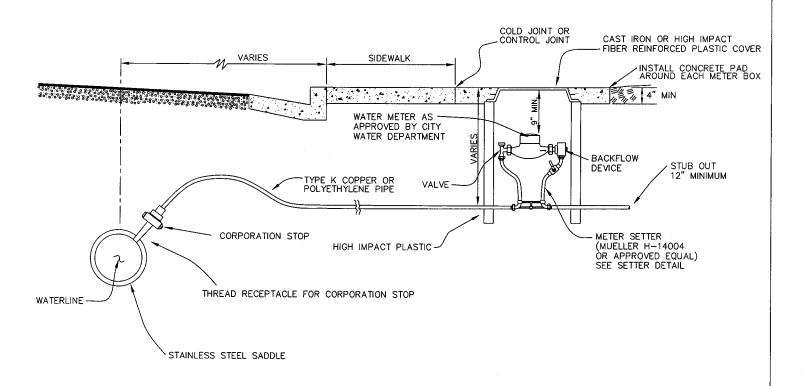
	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
DATE DESCRIPTION BY	STANDARD FIRE HYDRANT	302 1 OF 1
	DETAILS	APPROVED:
	DETAILS	DATE: OCT 2008 BY: TE



			SANTA CLARA PUBLIC SERVICES DEPARTMENT		
	REVISIONS			STANDARD DWG	G. NO.
DATE	DESCRIPTION	BY	WATER METER SETTER	303	1 OF 1
			DETAILS	APPROVED:	
			DE 17 (123	DATE: OCT 2008 B	Y: TE



	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
DATE DESCRIPTION BY	8" OR 6" WATER LATERAL	304 1 OF 1
	(CONNECTION TO EXISTING LINE)	APPROVED:
	(CONNECTION TO EXISTING LINE)	DATE: OCT 2008 BY: TE



NOTES:

1- ALL TRENCH EXCAVATION AND COMPACTION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS.

SANTA CLARA PUBLIC SERVICES DEPARTMENT

REVISIONS
DATE DESCRIPTION BY

3/4" WATER SERVICE CONNECTION

& METER

BY

APPROVED:
DATE: OCT 2008 BY: TE

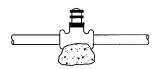
THRUST BLOCK BEARING AREA IN SQUARE FEET								
PIPE			C	CONDIT	ION			
SIZE	- 1	H	Ξ	١٧	V	VI	VII	VII
4" 6" 8" 10" 12" 14"	2.6 4.6 7.8 12.4 17.5 24.0 31.1	3.3 6.5 11.0 17.5 24.8 33.8 44.0	2.6 3.9 5.9 9.8 13.6 18.2 23.8	1.3 2.0 3.3 5.2 7.8 9.7 12.7	1.3 2.6 3.9 6.5 9.1 12.3 15.5	2.0 3.3 5.9 9.1 12.3 16.9 23.2	3.3 6.5 11.0 17.5 24.8 33.8 44.0	2.6 4.6 7.8 12.4 17.5 24.0 31.1

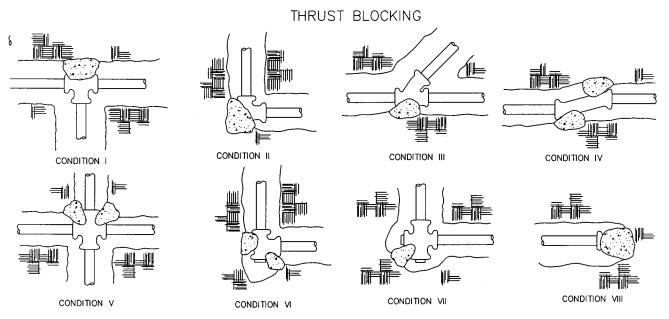
- CALCULATED ON 225 LB. TEST PRESSURE & ALLOWABLE BEARING PRESSURE OF 2000 LBS. PER SQUARE FOOT.
- 2. IN POOR SOILS SPECIAL DESIGN IS REQUIRED.
- 3. CONCRETE SHALL BE CLASS "C" OR BETTER.
- 4. ALL THRUST BLOCK BEARING FACES SHALL BE POURED AGAINST UNDISTURBED SOIL OR APPROVED COMPACTED BACKFILL.
- 5. PRIOR APPROVAL FROM THE WATER DEPARTMENT REQUIRED FOR USE OF CONCRETE THRUST BLOCKS.



TYPICAL SECTION THRU THRUST BLOCKS

VALVE ANCHOR REQUIRED FOR VALVES 12" OR LARGER





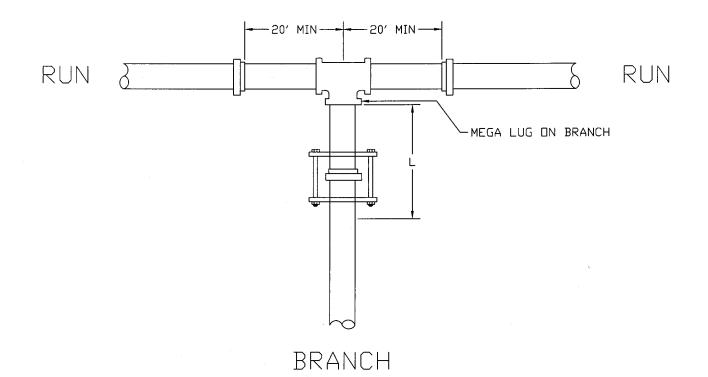
	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		
TE DESCRIPTION DV	WATER LINE TURLET RECOR	

DATE DESCRIPTION BY

WATER LINE THRUST BLOCK

DETAILS

Ī	STANDARD DWG	. T	Ю.		
	306	1	OF	1	_
	APPROVED:				
	DATE: OCT 2008 BY	<u>/:</u>	TE		



RUN SIZE DIAMETER

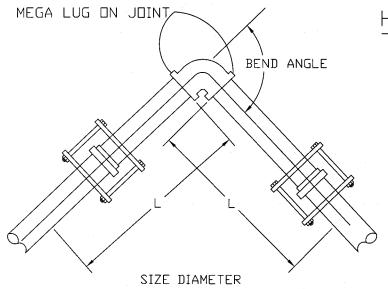
		4	6	8	10	12	14	16	18	20	24
ER	4	*	*	*	*	*	*	*	*	*	*
⊢	6	><	*	*	*	*	*	*	*	*	*
DIAME	8	> <	\nearrow	*	*	*	*	*	*	*	*
ED	10	><	>	><	10	*	*	*	*	*	*
SIZ	12	><		><	><	28	12	4	*	*	*
	14	\nearrow	\mathbb{X}	><	>><	\searrow	45	31	17	3	*
BRANCH	16	\nearrow	> <	><	><	\searrow		62	49	37	11
BR	18	><	\mathbf{X}	><	>>	><	\searrow	><	78	67	44
	20	><	><	\nearrow	\nearrow	\times	\searrow		\nearrow	95	74
	24		> <	$\geq \leq$			$\geq <$	$\geq \leq$		><	127

* - FOR THIS CONDITION NEED ONLY RESTRAIN THE BRANCH DUTLET OF THE TEE.

RESTRAINED LENGTHS, "L" (IN FEET)

- 1. RESTRAIN THE TWO MECHANICAL JOINTS ON THE RUN SIDES OF THE TEE. THERE SHOULD BE A FULL 20' LENGTH OF PIPE INSTALLED ON EACH SIDE OF THE RUN.
- 2. ALL JOINTS WITHIN THE LENGTH "L" ON THE BRANCH MUST BE RESTRAINED. USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS ON PUSH-ON PIPE PER CITY SPECIFICATION.
- 3. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION ON GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	STANDARD TEE PVC	307 1 OF 1
	RESTRAINING SYSTEM DETAIL	APPROVED:
	RESTRAINING STSTEM DETAIL	DATE: OCT 2008 BY: TE

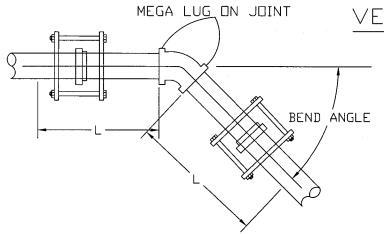


HORIZONTAL BEND

- 1. ALL JOINTS WITHIN LENGTH "L" MUST BE RESTRAINED. USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS WITH PUSH-ON PIPE PER CITY SPECIFICATION.
- 2. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION ON GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

		4	6	8	10	12	14	16	18	20
il E	11,25	2	3	4	4	5	6	7	7	8
ANG	22.5	4	6	7	9	10	12	13	15	16
₽	45	8	12	15	18	21	24	28	30	33
BEN	90	20	28	37	44	52	59	67	73	81

RESTRAINED LENGTHS, "L" (IN FEET)



VERTICAL DOWN BEND

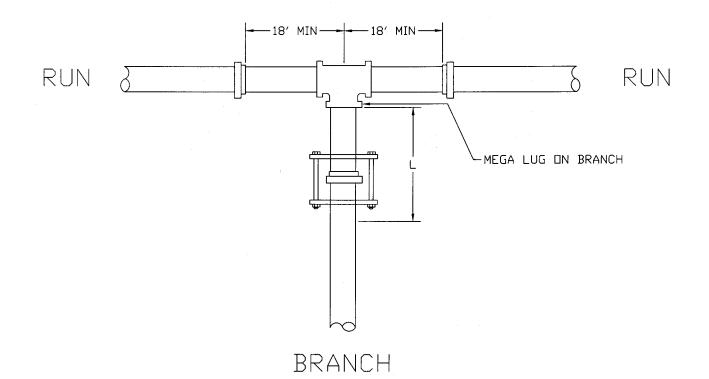
- 1. ALL JOINTS WITHIN LENGTH "L" MUST BE RESTRAINED. USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS WITH PUSH-ON PIPE PER CITY SPECIFICATION.
- 2. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION ON GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

SIZE DIAMETER

_		4	6	8	10	12	14	16	18	20
_ -	11.25	6	8	10	12	14	15	17	20	20
ANG	22.5	11	15	19	23	27	31	35	40	40
, ,	45	23	31	40	48	56	64	72	80	80

RESTRAINED LENGTHS, "L" (IN FEET)

	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	STANDARD BENDS FOR PVC	308 1 OF 1
	RESTRAINING SYSTEM DETAIL	APPROVED:
	NESTRAINING STSTEM DETAIL	DATE: OCT 2008 BY: TE



RUN SIZE DIAMETER

	4	6	8	10	12	14	16	18	20	24
4	*	*	*	*	*	*	*	*	*	*
6		*	*	*	*	*	*	*	*	*
8		> <	*	*	*	*	*	*	*	*
10		> <	><	10	2	*	*	*	*	*
12				> <	19	12	4	*	*	*
14				> <	> <	28	22	15	8	*
16						> <	37	31	26	13
18				> <			><	46	41	30
20			> <					> <	55	45
24								\nearrow		72

* - FOR THIS CONDITION NEED ONLY RESTRAIN THE BRANCH OUTLET OF THE TEE.

RESTRAINED LENGTHS, "L" (IN FEET)

- 1. RESTRAIN THE TWO MECHANICAL JOINTS ON THE RUN SIDES OF THE TEE. THERE SHOULD BE A FULL 18' LENGTH OF PIPE INSTALLED ON EACH SIDE OF THE RUN.
- 2. ALL JOINTS WITHIN THE LENGTH "L" ON THE BRANCH MUST BE RESTRAINED. USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS ON PUSH-ON PIPE PER CITY SPECIFICATION.
- 3. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION ON GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	STANDARD TEE DUCTILE IRON	309 1 OF 1
	RESTRAINING SYSTEM DETAIL	APPROVED:
	RESTRAINING STSTEM DETAIL	DATE: OCT 2008 BY: TE

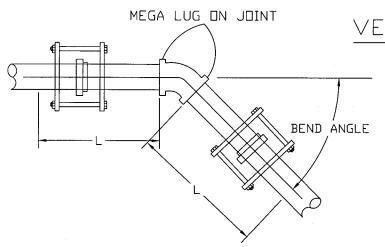
MEGA LUG ON JOINT BEND ANGLE SIZE DIAMETER

HORIZONTAL BEND

- 1. ALL JOINTS WITHIN LENGTH "L" MUST BE RESTRAINED. USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS WITH PUSH-ON PIPE PER CITY SPECIFICATION.
- 2. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION ON GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

		4	6	8	10	12	14	16	20
J.E	11.25	3	2	3	3	4	4	5	6
ANG	22.5	3	4	7	7	8	9	10	12
9	45	6	9	12	14	16	19	21	26
BEN	90	15	21	28	34	40	45	51	62

RESTRAINED LENGTHS, "L" (IN FEET)



VERTICAL DOWN BEND

- 1. ALL JOINTS WITHIN LENGTH "L" MUST BE RESTRAINED. USE RETAINER GLAND AT MECHANICAL JOINTS AND HARNESS WITH PUSH-ON PIPE PER CITY SPECIFICATION.
- 2. FOR TEST PRESSURES AND LAYING CONDITIONS SEE SECTION ON GENERAL NOTES FOR USE OF RESTRAINED JOINT LENGTHS.

SIZE DIAMETER

_		4	6	8	10	12	14	16	20
Ш	11.25	3	5	7	8	œ	10	11	13
JN6	22,5	6	10	11	14	16	18	22	25
9	45	14	18	24	28	33	38	43	53

RESTRAINED LENGTHS, "L" (IN FEET)

SANTA CLARA PUBLIC SERVICES DEPARTMENT

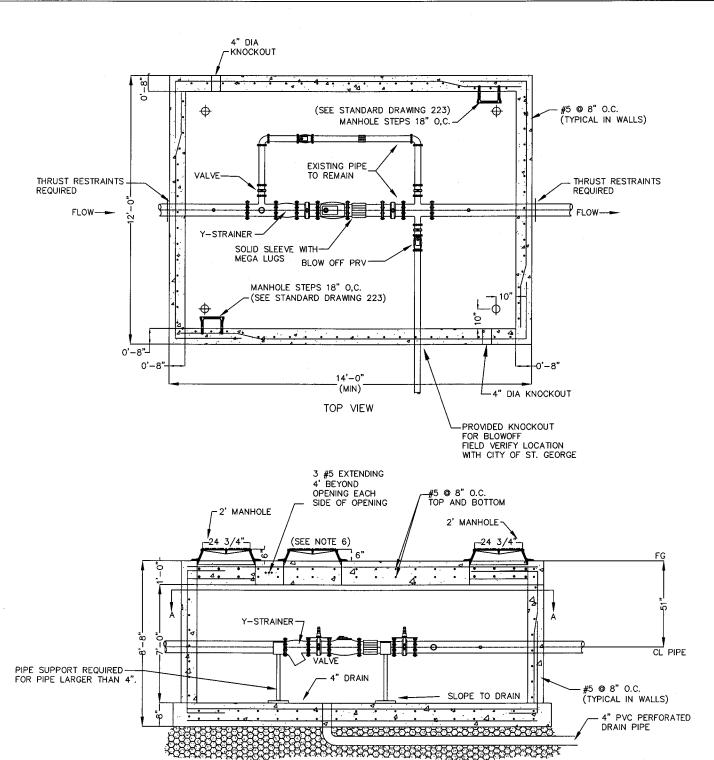
	REVISIONS	
ATE	DESCRIPTION	BY
		1 1

BEI

STANDARD BENDS FOR DUCTILE IRON RESTRAINING SYSTEM DETAIL

STANDARD DWG	. 1	10.	
310	1	OF	1
APPROVED:			

DATE: OCT 2008 BY: TE



NOTES:

1. REMOVE EXISTING PRV VAULT STRUCTURE.

2. FIELD VERIFY EXISTING PIPING CONFIGURATION & SIZES TO DETERMINE KNOCKOUT AND MANHOLE LOCATIONS.

3. REFER TO NORTH ORIENTATION FOR SITE AND DETAIL VIEWS.

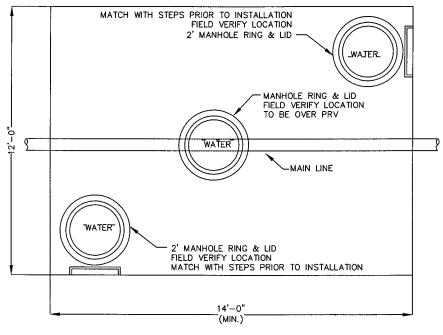
- 4. IF VAULT IS IN SIDEWALK THE FINISH GRADE OF VAULT SHALL MATCH SLOPE OF EXISTING SIDEWALK.
- 5. IF VAULT IS IN ROADWAY, FINISH GRADE SHALL MATCH SUBGRADE.
- 6. MANHOLE RING & LID WILL VARY WITH SIZE OF PRV. (24" MIN. ACCESS PORTS REQUIRED)
- 7. ALL BYPASS TO BE BRASS.

	SANTA CLARA PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	STANDARD PRESSURE REDUCING VALVE	314A 1 OF 2
	FOR EXISTING PRV & PIPING	APPROVED:
	I ON EXISTING FIV & FIFTING	DATE: BY: TE

SIDE VIEW

8" OF 3/4"

GRAVEL

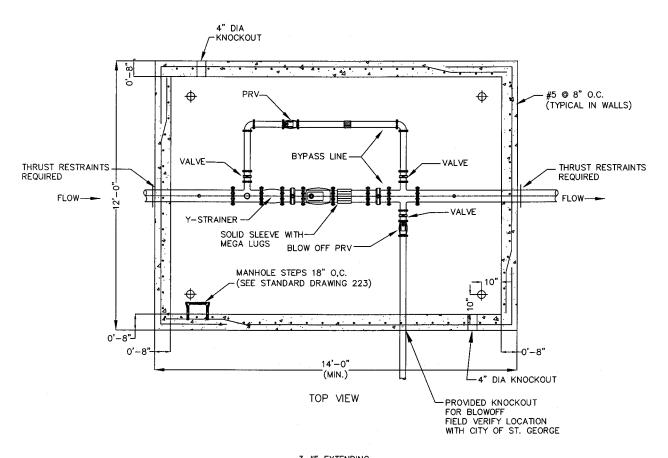


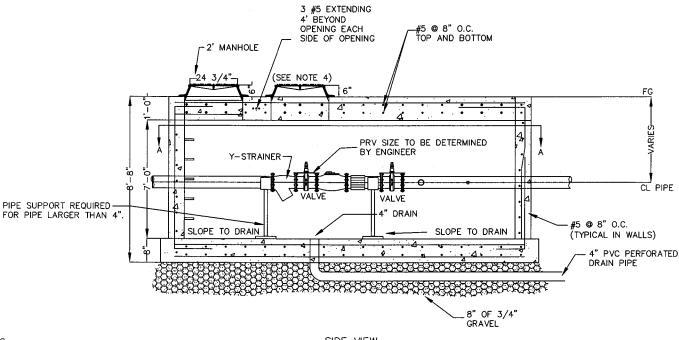
TOP VIEW LID

NOTES:

 SIZE OF MANHOLE RING & LID WILL VARY WITH SIZE OF PRV.

	SANTA CLARA PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD	DWG. NO.
ATE DESCRIPTION BY	STANDARD PRESSURE REDUCING VALVE	314B	2 OF 2
	VAULT LID	APPROVED:	
	VAOLI LID	DATE:	BY: TE



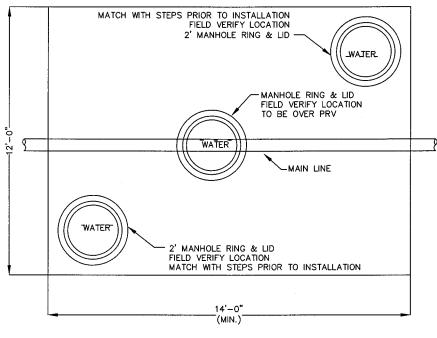


NOTES:

SIDE VIEW

- 1. REFER TO NORTH ORIENTATION FOR SITE AND DETAIL VIEWS.
- 2. IF VAULT IS IN SIDEWALK THE FINISH GRADE OF VAULT SHALL MATCH SLOPE OF EXISTING SIDEWALK.
- 3. ALL FITTINGS SHALL BE FLANGED AND MEGA LUGGED.
- 4. MANHOLE RING & LID WILL VARY WITH SIZE OF PRV. (24" MIN. ACCESS PORTS REQUIRED.)
- 5. ALL BYPASS PIPING TO BE BRASS .

	SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD	DWG. NO.
ATE DESCRIPTION BY	STANDARD PRESSURE REDUCING VALVE	315A	1 OF 2
	& VALUT FOR NEW CONSTRUCTION	APPROVED:	
	& VALOT FOR NEW CONSTRUCTION	DATE:	BY: TE

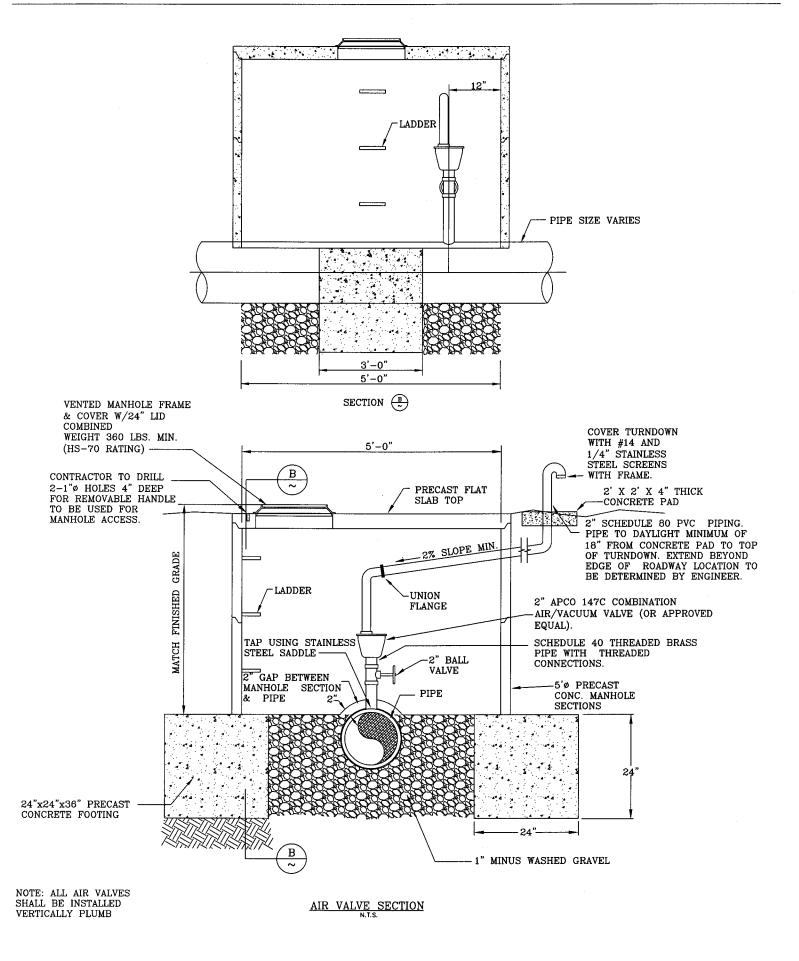


TOP VIEW LID

NOTES:

1. SIZE OF MANHOLE RING & LID WILL VARY WITH SIZE OF PRV.

			SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT		
	REVISIONS			STANDARD DW	G. NO.
ATE	DESCRIPTION	BY	STANDARD PRESSURE REDUCING VALVE	315B	2 OF 2
	· · · · · · · · · · · · · · · · · · ·	+	VAULT LID	APPROVED:	
		+	VAOLI LID	DATE:	BY: TE

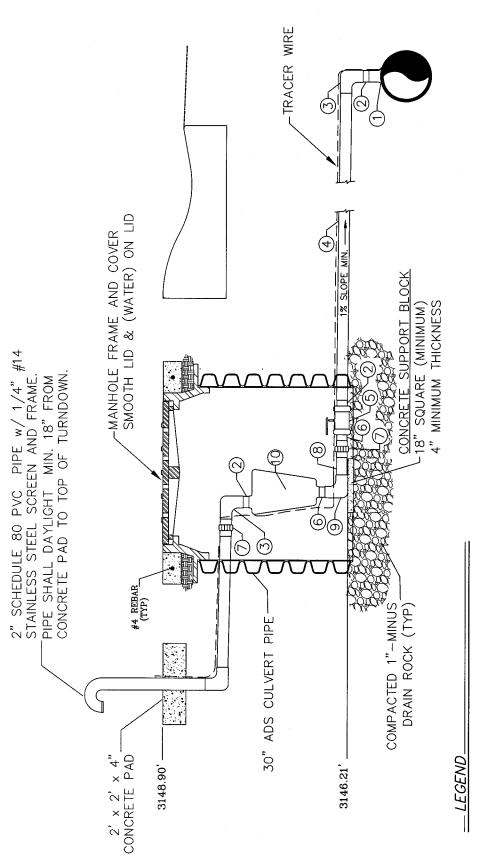


SANTA CLARA PUBLIC SERVICES DEPARTMENT

REVISIONS
ATE DESCRIPTION BY

STANDARD AIR VAC DETAIL

STANDARD DWG. NO.
316 1 OF 1
APPROVED:
DATE: OCT 2008 | BY: TE



(1) THREADED COLLAR OR STAINLESS STEELE SADDLE

② THREADED CLOSE NIPPLE - 2" BRASS sch 80

3 THREADED 90' ELBOW - 2" BRASS sch 80

♠ 2" SCHEDULE 80 POLLY PIPE

(5) 2" THREADED BALL VALVE

⑥ THREADED CLOSE NIPPLE - 2" BRASS

(7) UNION FLANGE COUPLER

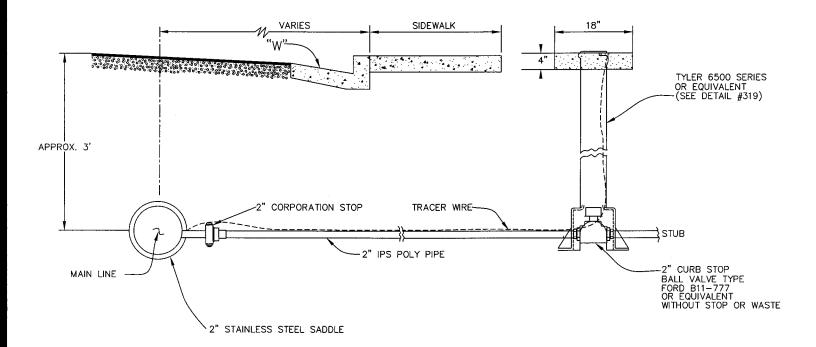
(8) THREADED NIPPLE - 2" BRASS

③ THREADED 90° ELBOW - 2" BRASS

(0) 2" APCO 145C COMBINATION AIR/VAC VALVE

SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT

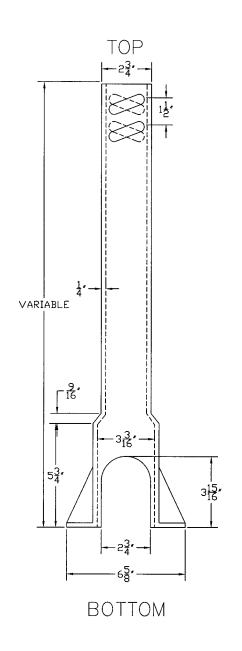
REVISIONS
ATE | DESCRIPTION | BY | REMOTE AIR VAC DETAIL | APPROVED: | DATE: OCT 2008 | BY: | TE

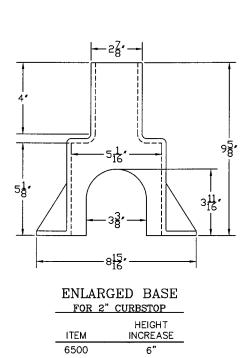


NOTES: 1- ALL FITTINGS ARE TO BE BRASS EXECPT AS NOTED.

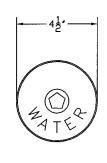
SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT

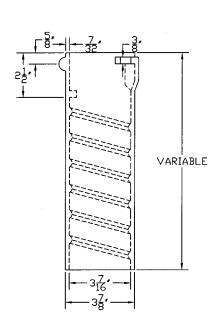
REVISIONS
ATE DESCRIPTION BY
2" FIRE LINE DETAIL
318 1 OF 1
APPROVED:
DATE:OCT 2008 | BY: TE





6500



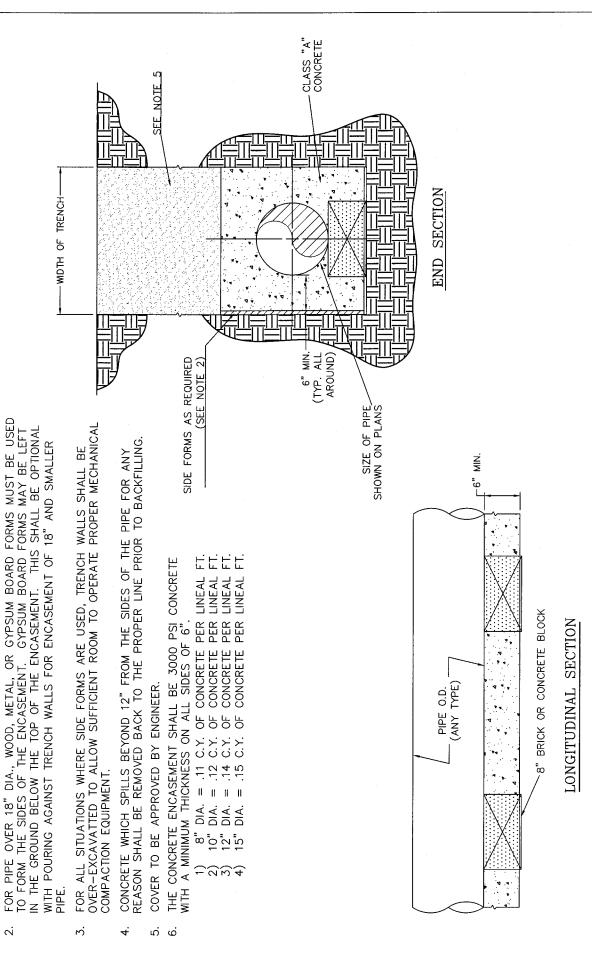


	REVISIONS	
ATE	DESCRIPTION	BY

CITY PUBLIC SERVICES DEPARTMENT SANTA CLARA

FIRE LINE VALVE BOX

STANDARD DWG	. N	10.	
319	1	OF	1
APPROVED:			
DATE: OCT 2008 BY	′ :	TE	



DEPARTMEN

REVISIONS DESCRIPTION BY

NOTES:

WILL BE SUBJECT TO DAMAGE ANYTIME IN THE FUTURE DUE TO LACK OF PROPER COVER OR WHEN MINIMUM SEPARATION BETWEEN CROSSING OR ADJACENT UTILITIES

CAN NOT BE MAINTAINED, AS DETERMINED BY THE ENGINEER.

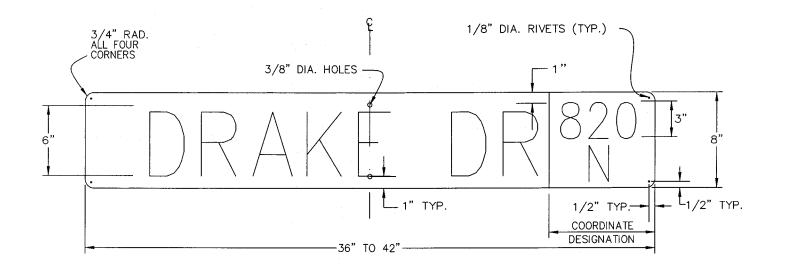
 α

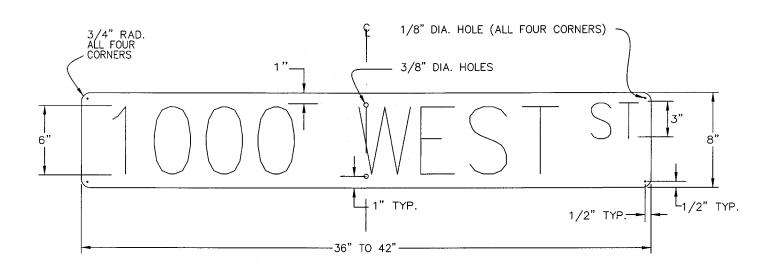
THIS DETAIL SHALL BE REQUIRED WHEN NEW OR EXISTING PIPE INSTALLATIONS

CONCRETE **ENCASEMENT** DETAIL

CLARA

STANDARD DWG. 330 APPROVED: NO. 1 OF DATE: OCT 2008 BY:





NOTES:

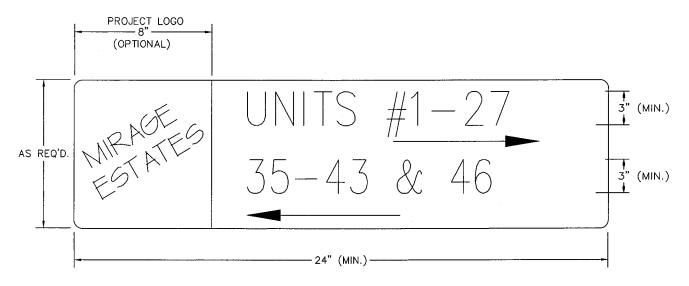
- 1— BACKGROUND SHALL BE GREEN, LEGEND AND LETTERS SHALL BE WHITE. 2— ALL SHEETING SHALL BE HIGH INTENSIRY REFLECTIVE SHEETING. (FP-85 TYPE III A)
- 3- SIGNS SHOULD BE MADE BY THE "REVERSE OUT" PROCESS. NO STICK ON LETTERS. CONTACT CITY SIGN SHOP FOR DETAILS.
- 4- SIGN BLANK SHALL BE 6061-T6 HEAT TREATED HIGH TENSILE DEGREASED ALUMINUM WITH ALODINE 1200 FINISH. MIN. THICKNESS SHALL BE 0.080".

 5- EACH SIGN SHALL CONSIST OF TWO PLATES RIVETED TOGETHER
- AND MOUNTED AS REQUIRED.

 6- SIGNS ON PRIVATE ROADS ARE REQUIRED AND SHOULD MEET SAME SPECIFICATIONS OF STANDARD SIGNS EXCEPT FOR BACKGROUND COLOR.

 7- ALL STREETS WITH NAMES SHALL ALSO HAVE THE COORDINATE DESIGNATION ON THE
- SIGN IN THE APPROPRIATE LOCATION UNLESS OTHERWISE APPROVED.
- 8- ADDRESS COORDINATOR SHALL BE CONTACTED PRIOR TO MAKING SIGNS TO VERIFY PROPER NAMES AND COORDINATES.
- 9- ALL LETTERS SHALL BE UPPER CASE. LETTERS AND NUMBERS SHALL CONFORM TO THE HEIGHT, WIDTH, STROKE WIDTH, AND SPACING AS PER THE U.S. DEPT. OF TRANSPORTATION PUBLICATION "STANDARD ALPHABET FOR HIGHWAY SIGNS".

	SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT		_
REVISIONS		STANDARD DWG. NO.	
ATE DESCRIPTION BY		400 1 OF	1
SIANDARD STRE	STANDARD STREET SIGN	APPROVED:	
		DATE: OCT 2008 BY: TE	



INTERIOR DIRECTIONAL SIGN



MAIN ENTRANCE STREET SIGN

NOTES:

- 1- SIGNS SHALL CONFORM TO CITY STREET SIGN
 STANDARDS AND SPECIFICATIONS.
 2- STANDARD BACKGROUND IS BLUE. LETTERS AND LEGEND
 SHALL BE WHITE. SHEETING TYPE SHALL BE HIGH INTENSITY
 3- SIGNS MOUNTED ON PUBLIC RIGHT OF WAY
 SHALL FOLLOW CITY INSTALLATION AND
 PLACEMENT STANDARDS. SAID STANDARDS PLACEMENT STANDARDS. SAID STANDARDS ARE RECOMMENDED FOR INTERIOR SIGNS.
- 4- WHEN PROJECT IS ADDRESSED SIMILAR TO A SUBDIVISION WITH PUBLIC STREETS, THE ABOVE INTERIOR DIRECTIONAL SIGN IS NOT USED. SEE CITY ADDRESS COORDINATOR.

 5- PROJECT LOGO, IF USED, MUST BE APPROVED BY THE CITY ADDRESS COORDINATOR PRIOR TO USE.

	SANTA CLARA CITY PUBLIC SERVICES DEPARTMENT	
REVISIONS		STANDARD DWG. NO.
ATE DESCRIPTION BY	DDIVATE OTDEET CLONG	401 1 OF 1
	PRIVATE STREET SIGNS	APPROVED:
		DATE: OCT 2008 BY: TE

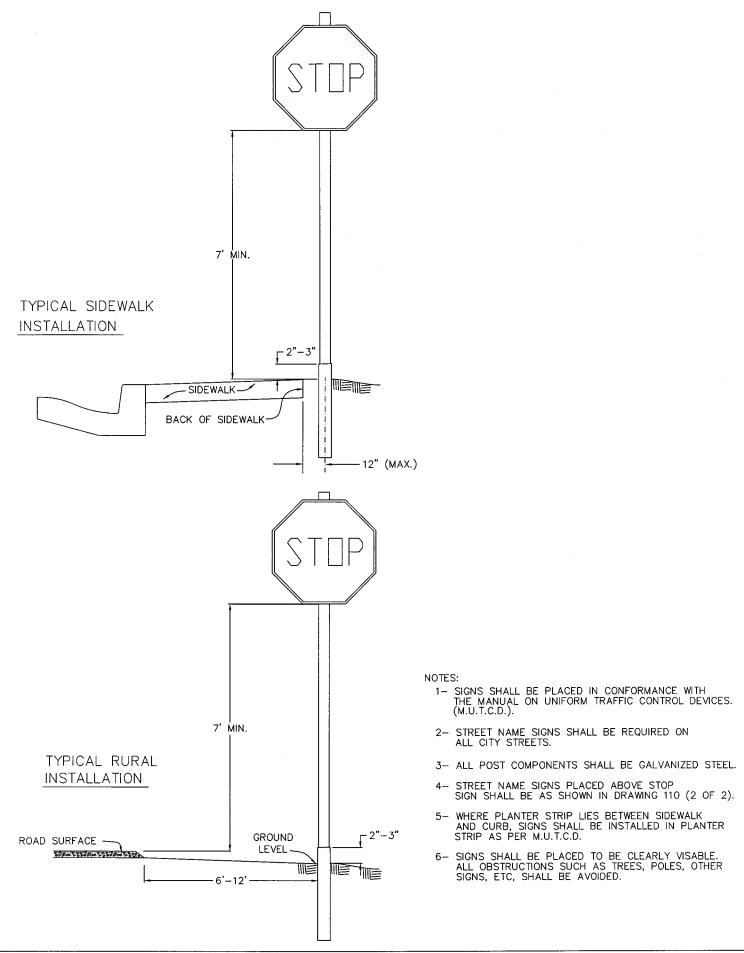
SIGN DESIGNATION FORM PROJECT NAME 3/4" RAD. ALL FOUR CORNERS 1/8" DIA. RIVETS (TYP.) DATE BY 3/8" DIA. HOLES -3" NOTES: 1- SEE DRAWINGS #400 & 401 FOR SIGN SPECIFICATIONS SIGNS ON PRIVATE ROADS WHEN REQUIRED TYP. BY THE CITY ENGINEER SHALL MEET ALL SPECIFICATIONS OF STANDARD SIGNS -36" to 42" -EXCEPT BACKGROUND SHALL BE BLUE. 3- ADDRESS COORDINATOR MUST BE CONTACTED PRIOR TO MAKING SIGNS TO VERIFY PROPER NAMES AND COORDINATES. 4- ALL STREETS WITH NAMES WILL ALSO HAVE STANDARD ST. GEORGE CITY SIGN COORDINATES DESIGNATED ON SIGN. THIS FORM TO BE COMPLETED BY THE CITY ADDRESS COORDINATOR PRIOR TO ORDERING OF STREET SIGNS BY DEVELOPER. LOCATION **GUIDE**

REVISIONS
ATE DESCRIPTION BY

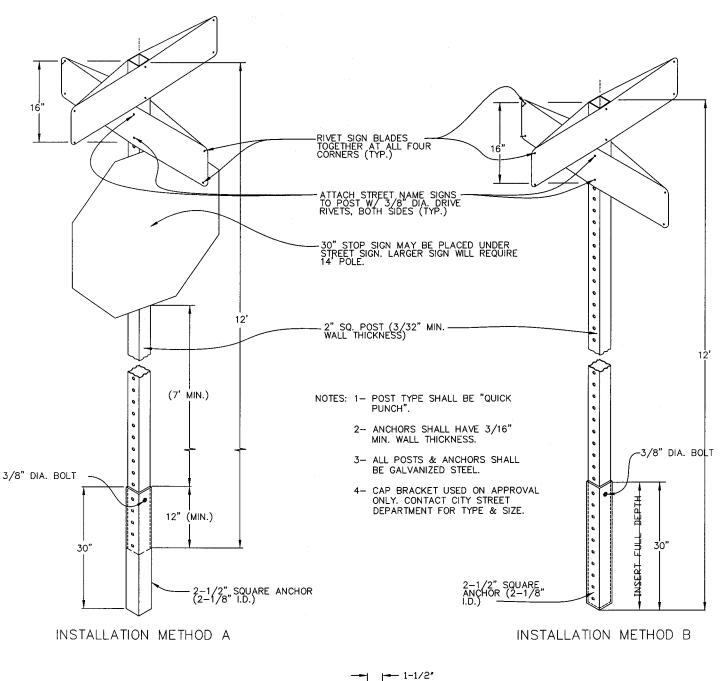
SIGN DESIGNATION FORM

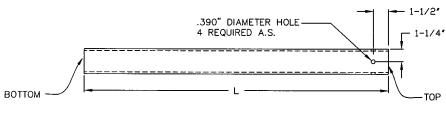
SANTA CLARA PUBLIC SERVICES DEPARTMENT

STANDARD DWG. NO.
402 | 1 OF 1
APPROVED:
DATE: OCT 2008 | BY: TE



	SANTA CLARA PUBLIC SERVICES DEPARTMENT		
REVISIONS		STANDARD DWG.	. NO.
ATE DESCRIPTION BY	SIGN, POST AND INSTALLATION	410	1 OF 1
	DETAILS	APPROVED:	
	DE IT TIES	DATE: OCT 2008 BY	: TE





3/16" THICK WALL

1/4" RADIUS

SIGN ANCHOR DETAIL

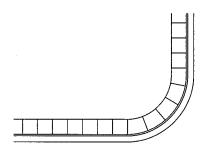
MARK	DIM.	TOLERANCE
D	2-1/8"	+1/16',-0"
L	30"	±1/2"
W	2-1/2"	± 1/64"

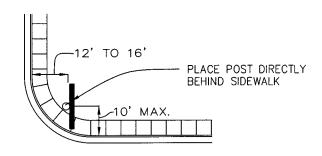
	REVISIONS	
ATE	DESCRIPTION	BY

SANTA CLARA PUBLIC SERVICES DEPARTMENT

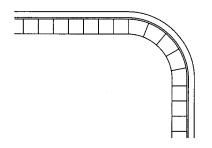
SIGN POST & MOUNTING DETAILS

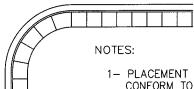
STANDARD DWG. NO.
411 1 OF 1
APPROVED:
DATE: OCT 2008 | BY: TE



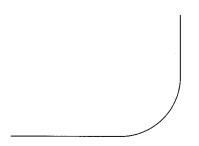


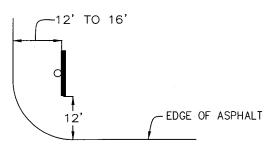
TYPICAL URBAN INSTALLATION



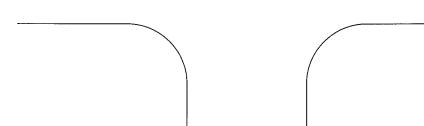


- 1— PLACEMENT OF ALL SIGNS TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 2- IF PLACEMENT STANDARDS CANNOT BE MET, CONTACT CITY ENGINEERING DEPARTMENT.
- 3- IF INSTALLATION ACCORDING
 TO STANDARDS CAUSES THE SIGN
 TO BE OBSTRUCTED OR ITS
 VISIBILITY IMPAIRED IN ANY WAY,
 MODIFICATIONS MAY BE NECESSARY.
 CALL ENGINEERING DEPT. FOR
 ASSISTANCE.





TYPICAL RURAL INSTALLATION



	REVISIONS	
ATE	DESCRIPTION	BY

SANTA CLARA PUBLIC SERVICES DEPARTMENT

TYPICAL SIGN PLACEMENT DETAILS

STANDARD DWG	. N	Ο.		_
412	1	OF	1	
APPROVED:				
DATE: OCT 2008 BY	′ :	TE		_